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COUNTY BOROUGH OF WALLASEY.

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# ANNUAL REPORT

OF THE

Medical Officer of Health

AND

School Medical Officer

FOR THE YEAR

1935.

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RONALD B. BERRY, M.D., Ch.B., D.P.H.,  
*Medical Officer of Health, Medical Superintendent  
of the Corporation Infectious Diseases Hospital,  
Administrative Tuberculosis Officer, School Medical  
Officer, etc.*

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WALLASEY:

WILKINSON BROS. & Co., Ltd., 47, BOROUGH ROAD.

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1936.

## MEMBERS of the HEALTH COMMITTEE and SUB-COMMITTEES to NOVEMBER, 1935.

	Health Committee	Maternity and Child Welfare Sub-Com- mittee	Sub-Com- mittee for the care of the Men- tally De- fective	Blind Persons Act Sub- Committee
The Mayor (Ald. S. PANTER BRICK, J.P.) ... ..	<i>Ex-Officio</i>	<i>Ex-officio</i>	<i>Ex-officio</i>	<i>Ex-officio</i>
Ald. D. P. CHARLESWORTH J.P. (a) ... ..	<i>Chairman</i>	M	M	Chairman
Coun. Mrs. A. SIDDALL ..	<i>Vice-Chair- man</i>	Chairman	M	M
Ald. R. RAWLINSON, J.P. ..	M	—	Chairman	M
„ AUGUSTINE QUINN, J.P. (b)	M	M	M	M
Coun. F. P. ATHERTON ...	M	M	—	—
Coun. Mrs. D. BARTON ..	M	M	—	M
„ P. G. DAVIES, J.P. (c) ...	M	M	—	—
„ R. P. EVANS .. ..	M	—	—	—
„ W. H. MASEFIELD ..	(To Nov'r.) M	M	—	—
„ G. W. RUSSELL .. ..	M	—	—	M
„ W. SUTTON (Died October)	M	—	M	—
„ L. E. THOMAS .. ..	M	—	—	—
„ A. B. TODD .. ..	M	M	—	—
„ J. H. WILKINSON ..	M	—	—	—
„ Mrs. A. WILLIAMS, B.A.	M	M	M	—
Miss E. AYERS, J.P. .. ..	—	—	M	—
Miss B. McKEON .. ..	—	—	M	—
Mr. J. H. MINES (d) ... ..	—	—	—	M
Mr. R. C. DIXON (e) .. ..	—	—	—	M

- (a) Represents the Health Committee on the Committee of the Liverpool Workshops for the Blind and on the Cheshire Joint Sanatorium Committee.  
 (b) Represents the Health Committee on the Cheshire Joint Sanatorium Committee. (since deceased)  
 (c) Represents the Education Committee on the Blind Persons Act Sub-Committee.  
 (d) Represents the National League of the Blind.  
 (e) Represents the Wallasey Branch of the National League of the Blind.



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## PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

*Medical Officer of Health, Administrative Tuberculosis Officer,  
and School Medical Officer. §*

RONALD B. BERRY, M.D., Ch.B., D.P.H.

*Deputy Medical Officer of Health, Assistant Child Welfare Medical Officer,  
and Assistant School Medical Officer. §*

W. WRIGLEY STACEY, M.B., Ch.B., D.P.H.

*Assistant Medical Officer of Health, Tuberculosis Officer,  
and Venereal Diseases Officer. §*

FRANK CYRIL MORGAN, M.R.C.S., L.R.C.P., D.P.H.

*Assistant Medical Officer and Resident Medical Officer, Mill Lane Hospital :*

ISOBEL ORD KENNEDY, M.B., Ch.B., D.P.H.  
(from 23rd April, 1935).

*Dental Surgeons :*

C. JOINSON LUYA, L.D.S., and  
W. A. HENDERSON, L.D.S.

*Veterinary Officer and Chief Meat Inspector :*

GEORGE TULLIS, M.R.C.V.S., D.V.S.M.

*Chief Sanitary Inspector : §*

\*\*THOMAS NICHOLSON CLEATOR.

*Assistant Sanitary Inspectors :*

\*\*ALBERT HENRY ORMESHER,

\*\*RALPH HENRY FRENCH,

†\*\*HAROLD VICTOR CASS (to 30th April).

\*\*WILLIAM McCAULEY (to 30th June).

\*\*GEORGE A. OWEN.

\*HARRY JOHN SLEIGH (from 24th June).

\*ERIC HARGREAVES (from 22nd July).

*Shops, etc., Inspector :*

\*RALPH LANGFORD BASCOMBE.

*Detention officer :*

GEORGE W. P. OWEN.

*Health Visitors :*

\*§MISS ISABELLA BIRRELL.

\*§MISS RUTH M. QUINTON.

§MISS CECILY HONOR RUDKIN.

§MISS JOSEPHINE SHANNON.

§MISS LOUISE VANCE, S.C.M., S.R.N.

*Inspector of Midwives (Trained Nurse) :*

§MISS B. HANSEN, S.C.M., S.R.N.

*Tuberculosis Nurse :*

§MISS ANNIE LEE GLASSEY (S.C.M. and Health Visitor's Certificate.)

*School Nurses :*

(See School Inspection Report in Appendix).

*Public Analyst (Part-time Officer) :*

T. R. HODGSON, M.A.

*Weights and Measures and Food and Drugs Inspectors :*

JAMES TUDOR, Cert. Board of Trade.  
J. W. PRICE, do.

*Home Teacher for the Blind :*

MISS A. M. ARNOLD, Cert. College of Teachers of the Blind.

*Administrative Assistant :*

JOHN McNALLY.

*Clerks :*

\*FRANK ALDRED.  
NORMAN SQUIRE.  
WALTER RADCLIFFE.  
MISS A. ALLISON.  
MISS I. E. MACNAMARA.  
MISS I. ELLIS.  
MISS M. A. HIATT (Dispensary), (to 28th Sept.)  
MISS OLIVE M. DAWSON (Dispensary) (from 23rd Sept.)

\*Holds a Sanitary Inspector's Certificate.

\*\*Holds a Meat Inspector's Certificate.

†Holds a Smoke Abatement Certificate.

*Note.*—Those to whose salary contribution is made under the Public Health Acts, or by Exchequer Block Grants, are marked §.

PART-TIME MEDICAL PRACTITIONERS DISCHARGING DUTIES IN  
CONNECTION WITH SPECIAL CLINICS.

PHŒBE A. INCE, M.D., M.B., Ch.B. (Ante-Natal).  
T. HARTLEY MARTIN, M.B., Ch.B. (Orthopædics).  
H. R. BICKERTON, M.A., M.B., Ch.B. (Eyes).  
A. A. GEMMELL, M.A., M.D. (Gynaecological) Consulting Surgeon  
C. YORKE, M.D., Ch.B., B.S., F.R.C.S. (Tonsils & Adenoids).

DISTRICT MEDICAL OFFICERS UNDER POOR LAW ACTS.

W. BRUCE BRIGGS, M.A., M.B., Ch.B. (for No. 1 District).  
I. K. HERMON, M.D., M.B., Ch.B., (for No. 2 District),  
(from 1st February).  
R. L. WYNNE, M.B., Ch.B. (for No. 3 District).

PUBLIC VACCINATORS.

W. BRUCE BRIGGS, M.A., M.B., Ch.B. (for North District).  
NORMAN A. C. BEST, L.M.L.A.H., L.M. (for South District).

VACCINATION OFFICER.

WILLIAM M. JARDINE.



## GENERAL STATISTICS.

Area in Acres, as ascertained by Ordnance Survey, January, 1932 ... ..	5,908
Area in Acres, added on extension of Borough to include part of Saughall Massie as from April 1st, 1934 ...	602
River and Sea frontage ... ..	Slightly less than eight miles.
Census Population, April, 1931 ... ..	97,626
Registrar-General's estimated population at middle of 1935 (including added portion of Saughall Massie) ...	96,600

## Population :—

Census years : 1881—21,192 ; 1891—33,227 ; 1901—53,579

Do. 1911—78,504 ; 1921—90,809 ; 1931—97,626.

Registrar-General's Estimates for subsequent years :—

1932—97,110 ; 1933—97,600 ; 1934—97,000 ; 1935—96,600.

Inhabited houses at 31st December, 1935 ... ..	25,474
Empty „ „ „ „ ... ..	844
Rateable Value, 1934-1935 ... ..	£833,687
„ „ 1935-1936 ... ..	£846,306
Yield of a Penny Rate ... ..	£3,270

## Live Births to December 31st (Registrar-General's adjusted figures)

	M	F	Totals
Legitimate ...	591	627	1,218
Illegitimate ...	38	24	62
	<hr/> 629	<hr/> 651	<hr/> 1,280

Birth-rate per 1,000 of estimated population of 96,600 ... 13.2

## Still-births to December 31st—

	M	F	Totals
Legitimate ...	25	14	39
Illegitimate ...	2	3	5
	<hr/> 27	<hr/> 17	<hr/> 44

Rate per 1,000 total (live and still) births ... 3.32

	M	F	Total
Deaths to Dec. 31st (Registrar-General's adjusted figures) ... ..	604	626	1,230
Death-rate per 1,000 of estimated population of 96,600 ...			12.7
Uncertified Deaths :—4 ; Percentage of Deaths :—0.33			



Deaths from diseases and accidents of pregnancy and child-birth (Headings 29 and 30 of Registrar-General's Short List) :—

Puerperal Sepsis	4	Rate per 1000 live and still-births	3.0	} Total
Other puerperal causes—	3	do.	2.3	

5.3

Death-rate of Infants under ONE year of age :—

All infants per 1,000 live births	...	...	47.6
Legitimate infants per 1,000 legitimate live births	47.5		
Illegitimate infants per 1,000 illegitimate live births...	...	...	48.4
Neo-Natal Rate per 1,000 births	...	...	31.2
Deaths from Measles (all ages)	...	...	2
Deaths from Whooping Cough (all ages)	...	...	6
Deaths from Diarrhoea (including Enteritis), under 1 year	1		
Under 2 years	...	...	—
Diarrhoea and Enteritis Mortality Rate under 1 year, per 1,000 live births	...	...	0.78
Zymotic Death-rate per 1,000 of population (excluding Diarrhoea)	...	...	0.28
Phthisis Death-rate per 1,000 of population (excluding Diarrhoea)	...	...	0.67
Respiratory Death-rate per 1,000 of population (excluding Phthisis)	...	...	1.18

Public Health Department,  
Town Hall,  
Wallasey.  
23rd June, 1936.

To The Mayor, Aldermen and Councillors of the  
County Borough of Wallasey.

Mr. Mayor, Ladies and Gentlemen,

*I beg to submit my Annual Report for the year 1935, the second for which I have been responsible.*

*It will be noticed that the Registrar-General again shows a fall in the estimated population, in spite of the large amount of housing development that has taken place in the Borough.*

*Diphtheria and Scarlet Fever have been persistent throughout the year, notifications of Diphtheria being the highest on record, and of Scarlet Fever the highest for the last 10 years.*

*The notifications of Non-Pulmonary Tuberculosis are equal to the lowest recorded figure (with the exception of 1918), and Pulmonary Tuberculosis shows a slight fall compared with 1934.*

*The appointment of a Woman Medical Officer to the staff has made possible an extension of work in many directions, to which reference has also been made in the Report to the Education Committee.*

*In July we took over complete responsibility for the treatment of all cases of infectious disease admitted to Mill Lane Hospital, with very definite benefit to the Hospital as a whole, and with none of the difficulties that were foretold when the step was first mooted.*

*It was decided to admit to the Hospital cases of Measles and Whooping Cough suffering from complications, or where the facilities for treatment at home are inadequate.*

*The Hospital has been provisionally approved as a full Training School for Fever Nurses, a step which will certainly improve the quality of the nursing at the Hospital.*

*Immunisation against Diphtheria was also commenced during the year, and a summary of the work done is included in the Report. The response of parents to offers of immunisation for their children has been very gratifying.*

*An additional Welfare Centre was opened in July to meet the needs of the northern section of the town—a step which has been more than justified. Further developments of this nature will need your consideration in the near future.*

*The provision of maternity beds was under review during the year, and it is hoped that the year 1936 will see the first definite steps in the direction of a suitable Maternity Hospital for the Borough.*

*An X-Ray plant has been provided for the Tuberculosis Clinic in Mill Lane, and has proved of great value in the work of that Department.*

*Work under the Housing Act 1930 was continued, both in respect of Clearance Areas and Demolition Orders, of which details will be found in the body of the Report.*

*All these extensions of work could not have been possible without the willing co-operation of all members of the staff, to whom I take this opportunity of expressing my warmest thanks. To the Health Committee, whose acceptance of my suggestions has made the developments possible, and whose support is always given in such a generous manner, I also express my gratitude.*

*I am,*

*Mr. Mayor, Ladies and Gentlemen,*

*Your obedient servant,*

*RONALD B. BERRY,*

*Medical Officer of Health.*



## **PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT.**

The Borough of Wallasey is a part of the Wirral Peninsula, and itself forms a peninsula, bounded by the River Mersey on the East, the Irish Sea on the North, Wallasey and Birkenhead Docks on the South and South-west, with a mile of flat land on the West between head of docks and sea. The ground rises from the river and also from the land side towards the middle of the district, forming a kind of backbone North and South, reaching a height of 200 feet above the sea at New Brighton, affording splendid facilities for drainage East and West of this natural ridge. New red sandstone, at a variable depth, underlies all this district, with pockets of alluvium, drift clay, gravel marl and sand.

On April 1st, 1928, the Borough was extended on the west side by the inclusion of the Parishes of Moreton, Leasowe and portion of Bidston-cum-Ford. These added areas are very flat, being for the most part at, or just above, sea level. They are protected from the sea in part by the Leasowe Embankment and in part by the sandhills, and are intersected east and west by the river Birkett, which drains from higher ground on the southern side and enters the Mersey via a culvert. The portion of land alongside the Birkett is liable to flooding in times of heavy rain, but special measures have been undertaken to prevent this flooding in the future.

## **SOCIAL CONDITIONS.**

The Borough is mainly a residential place, a large number of the inhabitants being engaged in business in Liverpool. Some large docks, forming part of the Port of Liverpool, are situated in the Borough.

There are also in the district extensive Lairages for imported cattle and sheep. For some little time past these have not been in actual use.

There is no occupation which would have any particular influence on the public health.

Wallasey is the location of the largest milling industry in Britain, but with the exception of these large flour mills and one or two manufacturing establishments, no industries of any moment employing any large number of men exist in the Borough.

As from the 1st of April, 1933, the boundaries were further extended by the inclusion of portions of Upton and Saughall Massie (602 acres).



## LIST OF WARDS IN THE BOROUGH.

No. 1—New Brighton.	No. 9—Somerville.
2—Upper Brighton.	10—Poulton.
3—North Liscard.	11—Marlowe.
4—South Liscard.	12—St. Hilary.
5—North Egremont.	13—Warren.
6—South Egremont.	14—Wallasey.
7—North Seacombe.	15—Leasowe.
8—South Seacombe.	16—Moreton.
17—Saughall Massie.	

## GRATUITOUS MEDICAL RELIEF.

## VOLUNTARY HOSPITALS, DISPENSARIES, Etc.

There are two General Hospitals in the Borough—the Victoria Central Hospital and the Wallasey Cottage Hospital. There is also an Orthopœdic Hospital—the Liverpool Open Air Hospital—at the Leasowe end of the town. The first named is equipped with 165 beds (including 30 for children). The Cottage Hospital has 19 beds (4 for children), and the Leasowe Hospital 236 beds, 198 of which are for children, 38 being for adult females. This last named Hospital receives children from various parts of the country. Attached to the Victoria Central Hospital is an Out-Patients' Department for surgical cases only. The Cottage Hospital has no Out-patients' Department. Leasowe Children's Hospital has such a Department. An annual grant of £500 is made by the Corporation to the Victoria Central Hospital and of £50 to the Cottage Hospital. The Corporation has a number of beds at Leasowe Hospital on terms.

On the premises of the Victoria Central Hospital is a Charitable Dispensary, the Medical Officer of which is also the Resident Surgeon of the Hospital. The Corporation make an annual grant to this Charity of £45.

The following information in regard to the work done during the past year at the Victoria Central Hospital and the Wallasey Dispensary is supplied by the Authorities of these Institutions.

## VICTORIA CENTRAL HOSPITAL.

	Out-patients.			Attendances.		
Dental Cases ... ..	475	...	...	628	...	...
Ophthalmic Cases ... ..	655	...	...	2,546	...	...
Throat, Nose & Ear Cases ... ..	552	...	...	830	...	...
Gynæcological Cases ... ..	326	...	...	368	...	...
Orthopaedic ... ..	71	...	...	180	...	...

			Out-patients.		Attendances.
X-ray Cases	...	...	1,967	...	3,095
X-ray Treatments	...	...	56	...	2,146
Massage...	...	...	100	...	5,286
Casualties	...	...	5,079	...	11,479
Totals	...	...	9,281	...	26,558

#### WALLASEY DISPENSARY.

Dispensary Patients	...	...	1,490
Attendances	...	...	5,326

#### PUBLIC ASSISTANCE.

The Public Assistance Officer has kindly furnished me with the following figures for the past year under this heading:—

Admissions to—

Birkenhead Municipal Institution	217
Birkenhead Municipal Hospital	880
Eastham House	4
County Mental Hospital	64
Relief : Outdoor at a cost of	£26,709 2 6
Unemployed at a cost of	12,616 2 10
Total	£39,325 5 4

Further information hereon will be found in this Report under the heading of HOSPITAL SERVICES.

#### PARKS AND OPEN SPACES.

The following is a revised List, kindly supplied by the Borough Engineer and Surveyor, of Parks, Recreation Grounds, Allotment Gardens, etc., belonging to the Corporation.

#### PARKS AND RECREATION GROUNDS.

	Acres.	Roods	Perches.
Leasowe Common	66	0	0
Central Park	57	1	7
Upton Park	54	3	6 <sup>2</sup> / <sub>5</sub>
Harrison Park	33	2	29
Warren Park (Golf Links)	31	0	0
Wallacre Park	14	0	22 <sup>7</sup> / <sub>8</sub>
King's Parade Gardens, etc.	11	0	16
Belvidere Road Recreation Ground	10	0	27 <sup>1</sup> / <sub>4</sub>
Vale Park	9	3	20 <sup>1</sup> / <sub>8</sub>
Cross Lane Recreation Ground	8	0	0
Elleray Park	5	1	0
Earlston Gardens	5	1	0

	<i>Acres.</i>	<i>Roods</i>	<i>Perches.</i>
Gorsey Lane Recreation Ground ...	6	3	27
Pasture Road Recreation Ground ...	3	3	37
Marine Park ... ..	3	1	26
Withens Lane Recreation Ground ...	13	10	39
Oakdale Recreation Ground ... ..	2	3	10 $\frac{1}{2}$
Wallasey Grange and Grounds ...	2	2	23
North Seacombe Recreation Ground	2	2	23
The Breck ... ..	2	0	26
Captain's Pit Recreation Ground ...	2	0	3
Victoria Gardens ... ..	1	3	23 $\frac{1}{4}$
Quarry Recreation Ground ... ..	1	3	23
Promenade Plantations ... ..	1	2	23
Saughall Grange Recreation Ground	1	1	21
St. George's Park ... ..	1	0	19
Vernon Avenue Playground ...	0	3	39
Maddock Road Recreation Ground ...	0	3	9
St. Hilary Gardens ... ..	0	2	39 $\frac{3}{4}$
South Seacombe Playground, St. Paul's Road ... ..	0	2	38
Bridle Road Playground ... ..	0	2	24 $\frac{1}{8}$
Egremont Ferry Pleasure Grounds	0	1	35 $\frac{1}{2}$
Conway Street Playground ... ..	0	1	18
Sandon Road Recreation Ground ...	0	1	15

#### PROMENADES, Etc.

There is a continuous Promenade from Seacombe Ferry to the "Red Noses" on the foreshore at New Brighton, a length of 3.02 miles. At time of preparation of this Report extensions are in progress from the "Red Noses" to a point 300 yards west of Harrison Drive, a distance of 0.91 miles. From that point to a point 800 yards west of public footpath crossing Wallasey Golf Links there are Sea Defence works for a length of 1.08 miles.

#### ALLOTMENTS, Etc.

	<i>Acres.</i>	<i>Roods</i>	<i>Perches.</i>
Breck Road ... ..	6	1	29 $\frac{3}{4}$
Love Lane ... ..	4	3	12 $\frac{1}{2}$
Ilford Avenue ... ..	3	2	30 $\frac{1}{2}$
Beaufort Drive ... ..	3	1	13 $\frac{1}{4}$
Flynn's Piece, Grove Road ...	2	0	3

---

OTHER.—In addition to the foregoing the Golf Links of the Wallasey Golf Club (138 acres, 2 roods, 32 perches) and the ground of the Wallasey Cricket Club, Claremount Road (3 acres, 1 rood, 30 perches) are owned by the Corporation.



### SANITARY CONVENIENCE.

Practically every house in the Borough, with the exception of portions of the added areas, has water closet accommodation. When these areas were taken over it was found that the majority of the houses had cesspools or primitive privies. The latter have largely disappeared with the bungalows. The main sewerage of the added areas is now practically completed, the houses formerly draining into cesspools will in increasing numbers drain into the sewers, and the cesspools will be demolished. During the last year, for example, 5 cesspools have been demolished. In addition 18 houses previously undrained have been drained into the sewer.

### SCAVENGING.

The work of street scavenging is carried out under the direction of the Borough Engineer and Surveyor, and is efficiently done.

### REMOVAL AND DISPOSAL OF HOUSE REFUSE.

This work is carried out under the direction of the Superintendent of Cleansing. The following table gives particulars as to the number of ashpits and bins in use, and as to the pits abolished during the past year.

No. of Single Ashpits in use	...	...	...	52	} 135
„ Double Ashpits	...	...	...	83	
„ Bins in use	...	...	...	27,189	
„ Pits abolished	...	...	...	10	

The effect of the policy of ashpit abolition which has been steadily pursued for many years past may be judged from the fact that in 1921 there were 894 pits in use. By 1931 the number had fallen to 220. Last year the number was still further reduced to 135. The bins have increased from 20,777 in 1921 to 27,189 in 1935, and these are emptied weekly. The whole of the combustible refuse is taken to the Refuse Disposal Works, and there burned, with the exception of a small percentage of the Wallasey refuse and the refuse collected in the added areas of Leasowe and Moreton. In these districts the dry refuse is being deposited on Leasowe Common, Upton Park and Pasture Road Tips, by means of controlled tipping, and the wet refuse from pails is delivered to various farms in the district whenever possible. Particulars as to the quantities of refuse destroyed or otherwise disposed of in the past year are as under.

Quantity of Refuse	T.	C.	Q.
Delivered to Destructor	21,494	0	0
Quantity tipped away ...	1,000	9	0
Total collected ...	22,494	9	0

Refuse collected in added Areas and delivered to (a) Dry Refuse Tips—1,681 loads; (b) Wet Refuse to farms—198 loads.



### SWIMMING BATHS AND BATHING POOLS.

The Borough is equipped with three Public Baths, namely—

Guinea Gap Baths, Seacombe Promenade (open all the year round with the exception of a few weeks about the end of the year) ;

“ Derby ” Bathing Pool (West of Harrison Drive)—open Summer Season only ;

New Brighton Bathing Pool (New Brighton Promenade)—open Summer Season only.

Until 1935 all sampling for analysis was done by the Borough Engineer and Surveyor. In May last, at the request of that Officer sampling was undertaken by the Public Health Department so far as concerns the “ Derby ” and the New Brighton Bathing Pools. Commencing in June two samples (one from the shallow end and one from the deep end) were taken per month during the season from each of these Pools, with an additional one in July and August from the New Brighton Pool. The samples were despatched to the Bacteriological Laboratories of Liverpool University for analysis. The results were excellent as regards the New Brighton Bathing Pool. In two of the samples the water was found to be completely sterile. In no case were there more than four organisms per 100 c.c.'s, bacillus coli not being present in any of the samples.

The results at the “ Derby ” Bathing Pool, though not quite of so excellent a standard as those at the New Brighton Bathing Pool, were nevertheless quite satisfactory.

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### PUBLIC WASH-HOUSES.

A Public Wash-house with 16 Slipper Baths is situate in Oakdale Road, at the South end of the Borough. The Wash-house is equipped with 16 Bradford's Washing Machines, electrically driven, and with Mangling and Ironing Rooms.

## VITAL STATISTICS.

### BIRTHS.

Particulars with regard to Births during the year are as under :

Number registered in the Borough ... ..	1,154
Number of Inward transfers ... ..	170
	1,324
Deduct Outward transfers ... ..	44
	1,280

Birth-rate per 1,000 of Registrar-General's estimated population of 96,600 at the middle of the year ... .. 13.2

*Compared with 1,295 Births and a Rate of 13.3 in the previous year*

The number of Births notified by—

Doctors was ... ..	72
Midwives ... ..	1,003
Parents or others ... ..	107
Not notified ... ..	98
	1,280

The number of Illegitimate Births registered

was ... .. 40

The number of Inward transfers... .. 25

65

Deduct Outward transfers ... .. 3

—

62

The illegitimate Births represented 4.8 per cent. of the total births, compared with 4.4 in the previous year and a rate of 3.4 per cent.

The Births and Birth-rates for the past five years were :—

1931	1932	1933	1934	1935
1,342 (13.7)	1,315 (13.5)	1,271 (13.0)	1,295 (13.3)	1,280 (13.2)

A comparison of the Birth-rates of the past 8 quinquennial periods shows a steady decline, as will be seen from the following.

1891-1895 ..	29.50
1896-1900 ..	29.08
1901-1905 ..	28.72
1906-1910 ..	25.27
1911-1915 ..	21.80
1916-1920 ..	16.79
1921-1925 ..	16.19
1926-1930 ..	14.24
1931-1935 ..	13.34



CAUSES OF DEATH.	SEXES.		DEATHS IN WHOLE DISTRICT AT														Total Deaths in Institutions in the Borough whether of residents or non-residents.	DEATHS IN THE WARDS.																		DEATHS IN PUBLIC INSTITUTIONS.	
	M.	F.	All Ages	Under 1 2		Under 3 4		Under 5 10		Under 15 20		Under 25 35		Under 45	45 and under 65	65 and over		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
All causes { Certified .. Uncertified	601 3	625 1	1226 4	61 ..	11 ..	9 ..	6 ..	5 ..	14 ..	10 ..	15 ..	24 ..	47 ..	54 ..	332 2	638 2	193 ..	101 ..	100 ..	104 1	80 ..	96 1	80 ..	82 ..	72 ..	85 ..	54 ..	70 ..	71 ..	73 2	59 ..	37 ..	58 ..	4 ..	..	MILL LANE HOSPITAL— Residents ..... 30 Non-Residents ..... 1	
	604	626	1230	61	11	9	6	5	14	10	15	24	47	54	334	640	193	101	100	105	80	97	80	82	72	85	54	70	71	75	59	37	58	4	..		
1. Typhoid and Para-typhoid Fevers .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	HIGHFIELD MATERNITY HOME— Residents ..... 6 Non-Residents ..... 1	
2. Measles .....	..	2	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..			
3. Scarlet Fever .....	..	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..		
4. Whooping Cough .....	2	4	6	3	1	1	..	1	..	..	..	..	..	..	..	..	3	..	1	..	..	..	1	1	..	1	..	..	..	2	..	..	..	..	..		
5. Diphtheria .....	10	8	18	..	..	2	4	1	6	3	..	2	..	..	..	..	18	2	1	1	1	2	3	1	2	..	2	..	..	2	..	..	..	..	..		
6. Influenza .....	12	10	22	1	..	..	..	..	..	..	1	1	3	1	7	8	1	..	..	1	..	3	3	2	..	2	1	4	1	1	1	2	..	..	..		
7. Encephalitis Lethargica .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
8. Cerebro-spinal Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
9. Tuberculosis of respiratory System .....	39	26	65	..	..	..	1	..	..	3	5	8	11	12	24	1	10	5	3	4	5	3	4	6	7	1	5	6	4	1	3	3	5	..	..	NEW STREET C.W. CENTRE— Residents ..... Non-Residents .....	
10. Other Tuberculous Diseases .....	1	5	6	..	1	1	..	..	1	..	1	..	..	2	..	..	15	..	..	..	..	1	..	1	..	..	2	..	..	1	..	1	..	..			
11. Syphilis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
12. General Paralysis of the insane, tabes dorsalis .....	7	..	7	..	..	..	..	..	..	..	..	..	..	1	3	3	..	..	2	..	1	..	..	1	..	..	1	..	1	..	..	1	..	..	..		
13. Cancer (Malignant Disease) .....	88	97	185	..	..	..	..	..	1	..	1	1	6	4	71	101	15	18	23	17	13	9	9	6	5	16	9	12	17	15	7	4	5	..	..	VICTORIA CENTRAL HOSPITAL— Residents ..... 100 Non-Residents ..... 10	
14. Diabetes .....	8	10	18	..	..	..	..	..	..	..	..	..	2	..	5	11	6	..	..	3	1	1	2	3	1	..	1	1	..	2	3	..	..	..			
15. Cerebral Haemorrhage etc. ....	24	38	62	..	..	..	..	..	..	..	..	..	..	1	17	44	5	3	5	7	5	7	4	5	1	..	4	..	5	7	..	4	..	..	..		
16. Heart Disease .....	150	165	315	..	..	..	..	..	..	1	1	..	5	5	79	224	16	35	21	32	26	25	20	20	17	21	14	15	17	19	15	3	15	..	..	LEASOWE CHILDREN'S HOSPITAL— Residents ..... 1 Non-Residents ..... 15	
17. Aneurysm .....	5	..	5	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	1	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..			
18. Other circulatory diseases .....	43	43	86	..	..	..	..	..	..	..	..	..	..	2	13	71	4	9	8	13	5	7	3	6	6	5	3	6	7	5	1	..	1	1	..	..	
19. Bronchitis .....	11	12	23	1	..	..	..	..	..	..	..	1	..	..	6	15	2	2	2	1	1	3	1	2	3	..	..	1	1	3	1	2	..	..	..		
20. Pneumonia (all forms) .....	45	36	81	5	5	1	..	1	..	1	..	3	7	5	20	33	17	7	4	5	4	12	6	6	3	6	5	6	1	3	8	2	2	1	..	..	
21. Other Respiratory Diseases .....	6	4	10	1	..	..	..	..	..	..	..	..	..	1	1	7	1	1	1	..	1	2	1	1	..	..	1	..	..	..	1	1	..	..	..		
22. Peptic Ulcer .....	11	4	15	..	..	..	..	..	..	..	..	..	..	3	10	2	6	1	1	3	1	2	..	1	1	..	1	1	..	..	2	1	..	..	..		
23. Diarrhoea, etc. ....	3	2	5	1	..	..	..	..	..	..	..	..	..	..	3	1	1	..	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..		
24. Appendicitis .....	..	3	3	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	
25. Cirrhosis of Liver .....	1	1	2	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	
26. Other Diseases of Liver, etc. ....	4	5	9	..	..	..	..	..	..	..	..	..	..	..	3	6	2	1	..	3	..	1	1	..	1	..	1	..	..	..	..	1	..	..	..		
27. Other Digestive diseases .....	7	12	19	..	..	..	..	..	..	1	1	..	1	7	9	14	2	2	..	2	1	2	..	2	..	4	2	..	..	2	1	..	1	..	..		
28. Acute and Chronic Nephritis .....	30	19	49	..	..	..	..	..	..	2	..	1	1	17	28	2	2	4	1	3	6	6	5	..	6	1	2	4	4	1	1	2	1	..	..		
29. Puerperal Sepsis .....	..	4	4	..	..	..	..	..	..	..	3	1	..	..	..	3	1	..	..	..	..	..	..	2	..	..	..	..	..	..	1	..	..	..	..		
30. Other puerperal causes .....	..	3	3	..	..	..	..	..	..	..	2	1	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..		
31. Congenital Debility, Premature Birth, Malformations, etc. ....	24	18	42	41	..	1	..	..	..	..	..	..	..	..	..	22	15	1	3	2	5	9	1	2	4	5	..	1	..	2	3	4	..	..	..		
32. Senility .....	6	16	22	..	..	..	..	..	..	..	..	1	1	3	7	3	2	1	2	1	..	2	1	..	1	..	2	2	1	1	..	1	..	..	..		
33. Suicide .....	9	6	15	..	..	..	..	..	..	..	1	1	..	1	3	6	10	1	4	1	4	2	1	2	1	..	4	2	1	1	..	1	2	..	..		
34. Other Violence .....	14	13	27	1	..	..	..	1	1	..	1	..	1	3	6	13	22	7	10	5	1	6	3	8	9	7	4	5	8	7	7	6	8	1	..		
35. Other defined causes .....	43	59	102	7	4	1	1	1	4	2	..	4	6	8	29	35	22	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..		
36. Causes ill-defined or unknown .....	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..		

## DEATHS IN PUBLIC INSTITUTIONS.

## IN WALLASEY

MILL LANE HOSPITAL—	
Residents .....	30
Non-Residents .....	1
HIGHFIELD MATERNITY HOME—	
Residents .....	6
Non-Residents .....	1
NEW STREET C.W. CENTRE—	
Residents .....	..
Non-Residents .....	..
VICTORIA CENTRAL HOSPITAL—	
Residents .....	100
Non-Residents .....	10
WALLASEY COTTAGE HOSPITAL—	
Residents .....	28
Non-Residents .....	1
LEASOWE CHILDREN'S HOSPITAL—	
Residents .....	1
Non-Residents .....	15
OTHER PUBLIC INSTITUTIONS—	
Residents .....	..
Non-Residents .....	..
TOTAL .....	193

## ELSEWHERE

LIVERPOOL AND OTHER HOSPITALS— (Excluding Sanatoria) .....	66
TRANMERE INFIRMARY .....	179
CHESTER AND OTHER ASYLUMS ..	20
SANATORIA outside Wallasey .....	2





Visits to the homes were paid to approximately 98 per cent. of the births. The actual number of FIRST VISITS was 1,258 and of RE-VISITS 3,890.

The number of visits paid to all Infants under One year for any purpose whatsoever was 5,157.

The following table shows the distribution of Births (and also of Deaths) and the natural increase of population, that is, the excess in the number of Births over deaths in the different Wards during the year.

Wards.			Births	Deaths	Increase	Decrease
1.	New Brighton	...	54	101	—	47
2.	Upper Brighton	...	57	100	—	43
3.	North Liscard	...	61	105	—	44
4.	South Liscard	...	67	80	—	13
5.	North Egremont	...	83	97	—	14
6.	South Egremont	...	87	80	7	—
7.	North Seacombe	...	111	82	29	—
8.	South Seacombe	...	117	72	45	—
9.	Somerville	...	120	85	35	—
10.	Poulton	...	100	54	46	—
11.	Marlowe	...	64	70	—	6
12.	St. Hilary	...	71	71	—	—
13.	Warren	...	48	75	—	27
14.	Wallasey	...	63	59	4	—
15.	Leasowe	...	66	37	29	—
16.	Moreton	...	86	58	28	—
17.	Saughall Massie	...	25	4	21	—
			1280	1230	244	194

Net Increase, 50.

**DEATHS.**

Particulars with regard to DEATHS during the year are as under:

Deaths registered in the Borough...	...	...	981
Inward transfers	...	...	300

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1,281

Deduct OUTWARD transfers	...	...	51
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Deaths belonging to the Borough...	...	...	1,230
------------------------------------	-----	-----	-------

Death-rate per 1,000 of Registrar-General's estimated population of 96,600 at the middle of the year	12.7
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*Compared with 1,139 deaths and a rate of 11.7 in the previous year.*

The Deaths under One year of age numbered	...	61
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Infant Mortality rate per 1,000 live births (which numbered 1,280)	...	...	...	47.6
--	-----	-----	-----	------

The still-births numbered	...	...	...	44
---------------------------	-----	-----	-----	----

Three of the deaths were of illegitimate children under 1 year.

The number of deaths of illegitimate children during the past five years were :—

	1931	1932	1933	1934	1935	Total.
Under 1 year ..	4	5	—	3	3	15
1 to 2 years ..	1	2	—	1	—	4
Total ..	5	7	—	4	3	19

Illegitimate rate  
per 1,000 Illegitimate Births

80.6	78.1	—	68.1	48.4	—
------	------	---	------	------	---

Seventy-four Inquests were held during the year, 11 being on non-residents, and 63 on residents. One of these was on a child under 2 years.

There were no Inquests on illegitimate children.

**PRINCIPAL CAUSES OF DEATH.**

Heart Diseases.....	315	Cerebral Hæmorrhage.....	62
Cancer .....	185	Congenital Debility,	
Other Circulatory Diseases	86	Premature Births etc....	42
Respiratory Diseases—		Violent Deaths	
Pneumonia .....	81	(including suicides).....	42
Bronchitis.....	23	Influenza .....	22
Other.....	10	Other Digestive Diseases	19
Phthisis.....	65	Other Tuberculous	
Acute and Chronic		Diseases .....	6
Nephritis .....	49		

DEATHS FROM ZYMOTIC DISEASES SINCE 1918.

Disease.	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Totals.	65	20	33	40	35	13	24	29	37	43	30	21	25	18	35	20	38	32
Smallpox .....	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Measles .....	10	—	4	—	11	—	8	5	4	8	4	8	3	1	2	4	1	2
Scarlet Fever .....	7	5	—	3	2	—	1	1	1	2	1	—	—	1	2	1	—	1
Diphtheria and Croup ...	6	9	7	12	4	1	1	6	12	11	8	2	7	6	19	8	25	18
Whooping Cough.....	29	—	9	8	7	4	6	9	1	12	6	5	2	3	5	6	6	6
Fever (Typhoid) .....	1	—	2	1	1	1	1	—	—	1	3	—	—	—	1	—	—	—
Diarrhoea and Enteritis...	12	6	11	16	10	7	7	8	19	9	8	6	12	7	6	1	6	5
Rates per 1,000 of population	0.80	0.20	0.33	0.44	0.39	0.14	0.26	0.30	0.39	0.46	0.29	0.19	0.25	0.18	0.35	0.20	0.39	0.33



## TREATMENT OF CANCER.

### COUNTY BOROUGH COUNCIL OF WALLASEY.

I.—Names of Hospitals belonging to the Council, to which cancer patients are admitted :—The Corporation have no Hospital for this purpose but have an arrangement with the Birkenhead Corporation for admission of Wallasey cases to their Municipal Hospital.

*Nature of facilities for cancer treatment (surgical, radiological) available :—*All the usual surgical and radiological facilities for the diagnosis and treatment of cancer are available at that Hospital. No facilities for radium treatment or for deep X-ray therapy.

II. What arrangements have been made by the Council?

There is no specific arrangement between the Birkenhead Corporation and the Liverpool Radium Institute. Early cases which are diagnosed in the Birkenhead Municipal Hospital and thought to be suitable for radium therapy are discharged with a letter to this effect to their own practitioner, giving the diagnosis and histological character of the case, and a recommend that the patient be sent to the Liverpool Radium Institute for radium or deep X-ray therapy as the case may be.

III. Statement of Wallasey cancer patients for 1935.

Site of disease.	B.						Remarks (e.g., as to numbers trans- ferred from other Hospitals to the Hospital, etc.).
	A.			Numbers who sought treatment or advice at			
	Numbers who received their treatment in Birkenhead Municipal Hospital.			that Hospital but were trans- ferred or re- ferred to other Hospitals.			
Uterus	...	...	—	...	—	...	—
Tongue and Mouth			7	...	—	...	—
Breast	...	...	2	...	—	...	—
Skin	...	...	—	...	—	...	—
Other sites (to be specified) :—							
Stomach	...	...	2	...	—	...	—
Colon and Rectum			4	...	—	...	—
Bladder	...	...	4	...	—	...	—
Other sites	...		4	...	—	...	—
Totals	...		23	...	—	...	—

IV.—Of the *total* patients in IIIB. the numbers—

- |      |  |   |
|------|--|---|
| i.   | Transferred (or referred) to Voluntary Hospitals<br>providing facilities for radiological treatment of<br>cancer ... ..                    | — |
| ii.  | Transferred (or referred) to Voluntary Hospitals <i>not</i><br>providing facilities for radiological treatment of<br>cancer ... ..         | — |
| iii. | Transferred (or referred) to Hospitals of other Councils<br>providing facilities for radiological treatment of<br>cancer ... ..            | — |
| iv.  | Transferred (or referred) to Hospitals of other<br>Councils <i>not</i> providing facilities for radiological<br>treatment of cancer ... .. | — |

CANCER—MALIGNANT DISEASE.

TABLE giving particulars as to Deaths certified as due to CANCER since the year 1921.

Year	Total Deaths from ALL CAUSES.			Deaths from CANCER			Percentage of total Certified Deaths.	Estimated Population middle of year	CANCER Death-rate per 1,000 population	At ages			
	M.	F.	Total	M.	F.	Total				Under 25	25 and under 45	45 and under 65	65 and over
1921	442	518	960	47	73	120	12.5	90,809	1.31	2	8	61	49
1922	543	564	1107	52	64	116	10.4	91,000	1.27	1	7	57	39
1923	449	496	945	54	55	109	11.5	89,990	1.22	2	5	51	51
1924	495	521	1016	67	74	141	13.8	90,790	1.55	3	16	71	51
1925	517	521	1038	54	79	133	12.8	91,720	1.04	1	13	65	54
1926	513	529	1042	59	83	142	13.6	93,050	1.52	1	17	53	69
1927	538	558	1096	53	90	143	13.0	93,530	1.50	—	12	75	56
1928	536	523	1059	70	73	143	13.5	99,730	1.43	1	8	59	75
1929	587	615	1202	68	66	134	11.1	including Moreton &c areas 101,300	1.32	—	9	61	64
1930	566	488	1054	61	83	144	13.6	98,900	1.45	1	6	69	68
1931	552	593	1145	77	79	156	13.6	97,626 Census	1.59	2	7	68	79
1932	579	591	1170	69	97	166	14.1	97,110	1.70	—	10	77	79
1933	605	690	1295	62	113	175	13.5	97,600 including Saughall Massie	1.79	—	15	71	89
1924	525	604	1129	62	96	159	12.0	97,000	1.30	—	8	72	78
1935	604	626	1230	88	97	185	15.0	96,600	1.91	3	10	71	101



## MATERNITY AND CHILD WELFARE.

An important development of Child Welfare work during the year was the opening of a Centre on July 4th, at Princess Road, for the convenience of the northern end of the town, and to relieve the pressure at the New Street Centre. Clinics are held on Thursday afternoons from 2-0 to 4-0. A Doctor attends on each occasion, and in addition a number of voluntary workers assist. The new Centre has been a success from the commencement, and has undoubtedly justified the experiment of its establishment, the attendances having quickly increased as its existence became known. The attendance at the first Clinic was 38, this number rising to 72 at the Clinics held on 17th and 31st October. The total attendance to the end of the year was 1,400.

Steady use has been made of the beds for resident babies at New Street Child Welfare Centre.

The work of the Nutrition and Orthopædic Clinics continues to prove to be of great value. Owing to the increasing number of cases needing supervision it was necessary to hold several extra Clinics during the year. Children suspected of tuberculosis are referred to the Tuberculosis Officer.

## ANTE-NATAL.

Ante-Natal Clinics are held at New Street Child Welfare Centre on Monday afternoons, and on Tuesday mornings, and at the new Health Clinic, Oakenholt Road, Moreton, fortnightly (second and fourth Wednesday afternoons). A woman doctor is in attendance at each Clinic.

The New Street Ante-natal Clinic has been in existence since October, 1920, and the Oakenholt Road Clinic since February, 1933. Midwives are encouraged at all times to send their cases to the Clinic, and to attend with them. As a matter of fact, 23 visits were paid to the Clinic by local Midwives, and 240 patients of Midwives attended the Clinic during the year, in addition to 201 Highfield patients. The very great importance of Ante-Natal work is now generally recognised both by the public and by the local medical practitioners, not only as a means of reducing maternal mortality and morbidity, but also the neo-natal death rate, i.e., deaths in the first four weeks of life. Cases are not admitted to the Maternity Home unless they have attended the Ante-Natal Clinic or produce a certificate from a doctor that they are receiving Ante-Natal care from him.

A Gynaecological Surgeon was appointed for the Maternity Home some years ago, and his services are available whenever required.

Cases discovered at the Ante-natal Clinic requiring medical attention, are referred for treatment to their own doctors or to the Hospital as may be necessary, and at the same time the Hospital or the doctor is notified of the condition of the patient referred. Occasionally it happens that cases do not go to their doctors and that doctors do not notify us in turn that they have taken charge of the patient. Of course, there is no power to compel a patient to visit a doctor, nor is there any obligation on the part of a doctor to communicate with the Local Authority. The result of failure to consult a doctor is that a case is sometimes missed, with unfortunate results.

Amongst the activities at New Street is a Sewing Class held during the Monday afternoon Clinics.

The following figures summarise the work done not only at the Ante-natal but also at the Post-natal Clinics during the year:—

#### ANTE-NATAL.

	New St.	Moreton	Total
Expectant mothers on books at January 1st	134	24	158
New cases during the year ... ..	419	59	478
	<hr/> 553	<hr/> 83	<hr/> 636
Names removed from books ... ..	447	61	508
	<hr/> 106	<hr/> 22	<hr/> 128
Names on books at December 31st ...	106	22	128
Attendances of Expectant Mothers ...	1831	271	2102
First-visits to homes of Expectant Mothers	293	32	325
Revisits do. do. do.	208	15	223

#### POST-NATAL.

Post-natal cases on books at Jan. 1st ...	3	4	7
New cases during the year ... ..	11	2	13
Names removed from books ... ..	13	—	13
Names on books at December 31st ...	1	6	7
Attendances of Cases ... ..	17	9	26
Visits and re-visits to Post-natal Cases	44	—	44

#### DOMICILIARY.

The visits paid to Expectant mothers during the year numbered 873.

*(For further information see Form M.C.W. 96 herein).*

**NEW STREET CENTRE.**

The following figures relate to infants under one year received as resident cases during the year :—

**ADMISSIONS, DISCHARGES, ETC.**

Infants in the Centre on January 1st	...	...	...	4
Infants admitted during the year (including re-admissions)				19
				—
	Total	...	...	23
Infants discharged during the year	...	...	23	
„ died	„	„	„	—
				—
				23
Infants in the Centre at December 31st	...	...	...	—
Average duration of stay of discharged cases	...		44 days	
„ „ „ fatal „	...	...	—	„

**Reasons for Admissions.**

Mother's health	...	...	...	...	...	7
Prematurity	...	...	...	...	...	5
Malnutrition	...	...	...	...	...	5
Other	...	...	...	...	...	6

**Condition of Discharged Cases.**

In good health	...	...	...	...	...	16
Improvement	...	...	...	...	...	4
No improvement	...	...	...	...	...	—
Transferred to Institutions	...	...	...	...	...	3

There were no cases of infectious disease in the Centre during the year.

**VISITS *re* CHILD WELFARE.**

(other than Ante-natal).

			M'ton	
	Wallasey	etc.	Totals.	
First visits <i>re</i> notified or registered births	1099	159	1258	
Re-visits	3853	37	3890	
Visits <i>re</i> still-births...	3	6	9	
„ Ophthalmia cases	53	—	53	
„ infant deaths under 1 year	16	5	21	
	—	—	—	
Total visits under one year	4,320	837	5,157	
	—	—	—	
Visits to Children One to Five years	2,371	381	2,752	
Total visits and re-visits to Children under one and up to five years for any purpose whatsoever including those included in the following	6,691	1,218	7,909	
Total visits and re-visits <i>re</i> Minor infections	462	216	678	
	—	—	—	



			Wallasey	M'ton	Totals
Visits <i>re</i> cases of Diarrhoea	...	...	1	—	1
„ Measles	...	...	18	112	130
„ Whooping Cough...	...	...	175	12	187
„ Mumps	...	...	54	17	71
„ Chicken Pox	...	...	204	67	271
„ other minor Inf. Diseases	...	...	10	8	18
Total Visits and re-visits <i>re</i> Minor Infections			462	216	678

Form M.C.W. 96 (revised).

### CHILD WELFARE SERVICES.

The following is a Return required by the Ministry of Health (1) showing the arrangements made for maternity and child welfare by the Council and by Voluntary Associations providing maternity and child welfare services in respect of which the Council pay contributions under Section 101 of the Local Government Act, 1929, or otherwise ; and (2) giving particulars of the work done during the year 1935.

1. Population: 97,626 (1931 Census). 96,600 est. middle 1935.
2. Births belonging to the Borough, 1280 (629M 651F.)
3. Number of births *notified* in the area during the year under the Notification of Births Act, 1907, as adjusted by any transferred notifications :

(a) Live births 1,039\* ; (b) Still births 38 ; (c) Total 1,107.  
 (d) By midwives 1,032 ; (e) By doctors and parents 75.

This means that 173 were not notified, or apart from still-births 211.

#### 4. Health Visiting.

- (i) Number of officers employed for health visiting at the end of the year :

(a) by the Council 7 ; (b) by Voluntary Associations Nil.

- (ii) Equivalent of whole-time services devoted by the whole staff to health visiting (including attendance at infant welfare centres)—

Health Visitors 75 per cent.

- (iii) Number of visits paid by all Health Visitors :

(a) To expectant mothers : First visits 325, Total visits 548.

(b) To children under 1 year : First visits 1,258, Total Visits 5,157.

(c) To children between 1 and 5 : 2,752.

## 5. Infant Welfare Centres.

- (a) Number of Centres provided and maintained by the Council, 3.
- (b) Voluntary Associations—Nil.
- (c) Total number of attendances at all Centres :  
 (1) By children under 1 year 9,242 ; (2) between 1 and 5 years, 1,120.
- (d) Total number of children who attended at the Centres for the first time :  
 (1) Children under 1 year, 550 ; (2) between 1 and 5 years, 223.
- (e) Total number of children who were in attendance at the Centres at the end of the year :  
 (1) Under 1 year, 1,024 ; (2) 1 to 5 years, 448.
- (f) Percentage of notified live births represented by the number in (d) (1), 51.4.

## 6. Ante-natal clinics :

Number provided and maintained by (a) the Council, 2.  
 (b) Voluntary Associations Nil.

- (c) Total attendances by expectant mothers 2,102.
- (d) Total number of expectant mothers who attended the Clinics during the year, 531.
- (e) Percentage of total notified births (live and still) represented by the number in (d), 47.9.

## 7. Maternity Homes and Hospitals.

## I.

	Separate maternity institutions provided by the Council.
Number of Institutions ... ..	1
Number of maternity beds (exclusive of isolation and labour beds) ... ..	10
Total number of women admitted to these beds during the year ... ..	203

## II.

Number of women sent by the Council to other Maternity Institutions : None sent by the Council, but several recommended to go to Birkenhead Municipal Hospital.

8. Homes and Hospitals for Sick or Ailing Children under 5 years of age.

	Separate institutions provided by the Council for these cases.	
Number of Institutions ... ..	1	} New Street.
Number of beds provided for such children	6	
Total number of children admitted to these beds during the year ... ..	19	

II.

Number of such children sent by the Council to other Institutions : None.

9. Convalescent Homes.

- (a) Number of convalescent institutions with accommodation for expectant or nursing mothers or for children under 5 years of age provided (a) by the Council None ; None in the Borough but arrangements made with one (West Kirby Children's Convalescent Home), outside the Borough ; (b) by Voluntary Associations, None.
- (b) Number of beds for such cases in convalescent institutions : Three beds are allocated in West Kirby Children's Convalescent Home for children between 3 and 15 years of age (girls) and 3 to 12 years (boys).
- (c) Total number of cases admitted to the beds included in (b)—21.
- (d) Total number of such cases sent by the Council to other convalescent institutions : None.

10. Homes for Mothers and Babies.

- (a) Number of such homes provided (i) by the Council, Nil ; (ii) by Voluntary Associations—Council make an annual grant of £60 to St. Faith's Home, Birkenhead, to which Home 7 expectant mothers and 1 baby apart from its mother were admitted during the year.
- (b) Number of beds in homes provided (i) by the Council, Nil ; (ii) by Voluntary Associations. See above.
- (c) Total number of cases admitted to these homes : (i) expectant mothers 7 ; (ii) mothers and babies, Nil. (iii) babies, *see* (a) above.
- (d) Number of such cases sent by the Council to other homes for mothers and babies. Nil.

11. Day Nurseries.

- (a) Number of day nurseries : (i) provided by the Council Nil ; (ii) Voluntary Associations Nil.



## 12. Infectious Diseases.

Disease.	Cases notified or reported	Cases visited by officers of the Council.	Cases for whom home nursing was provided by the Council	Cases removed to hospitals
(1) Ophthalmia Neonatorum	5*	5	—	—
(2) Pemphigus Neonatorum	—	—	—	—
(3) Puerperal fever	3	3	—	—
(4) Puerperal pyrexia	15	15	—	—
(5) Measles and german measles (in children under 5 years of age)	} Not notifiable.	130	—	14
(6) Whooping Cough (do.)		184	—	2
(7) Epidemic diarrhoea (do.)		1	—	—
(8) Poliomyelitis (do.)	1	1	—	—

\* In no case was the vision impaired.

## 13. Home Nursing.

(a) Number of nurses employed at the end of the year for the nursing of expectant mothers and children under 5 years of age, maternity nursing, or the nursing of puerperal fever : (i) by the Council Nil ; (ii) by Voluntary Associations ; none specially employed for this purpose.

(b) Total number of cases attended during the year by these nurses. Nil.

## 14. Consultants.

No. of cases in which consultant has been provided, 1.

## 15. Home Helps.

No. of cases in which Home Helps have been provided by arrangement with Council : (a) Voluntary Agencies, 3 ; (b) by Council —.

## 16. Midwives.

- I. (a) Number practising in the area served by the Council at the end of the year, 52.
- (b) Number (i) employed by the Council 3 (at the Council's Maternity Home; (ii) directly subsidised by the Council Nil; (iii) employed by Voluntary Associations Nil.
- (c) Number of cases in which the Council paid or contributed to the fee of a midwife, 3.
- II. (a) Number of cases attended by Midwives (i) as Midwives, 431; (This excludes 121 cases at the Corporation Maternity Home); (ii) as Maternity Nurses, No definite information available.
- (b) Number of cases attended by Midwives in which medical aid was summoned, 182.

## 17. Maternal Deaths.

- (a) Number of women who died in, or in consequence of, childbirth :
  - (i) from sepsis, 4 ; (ii) from other causes, 3.
- (b) Number of these cases which died :
  - (i) at home Nil ; (ii) in Institutions 7 (2 in Birkenhead Municipal, 5 in other Hospitals).

**MATERNAL MORTALITY.**

There were seven instances during the year of Maternal deaths. Particulars concerning each were forwarded to the Ministry of Health, a summary of which is as follows :—

1. No doctor in attendance until three days after miscarriage. When first seen by doctor was obviously suffering from Peritonitis, and removal to Hospital was ordered.
2. A case of incomplete miscarriage followed by Peritonitis. She was sent immediately to Hospital and died 15 days later with signs of Peritonitis and general infection.
3. This case was admitted to Hospital with symptoms of Septicæmia following abortion. Died three days after admission. She was not seen by a doctor until three days after the miscarriage had taken place.
4. Case had received ante-natal supervision by a midwife but was not seen by a doctor until labour had commenced. In view of diagnosis of disproportion case was sent into Hospital immediately where, eventually, Craniotomy had to be carried out. Patient collapsed and died soon afterwards.

5. Twin pregnancy complicated by Exophthalmic Goitre and Albuminuria. Patient was admitted to Hospital seven days prior to confinement. Instrumental delivery, first child born alive, second stillborn. Twin pregnancy was complicated by the abnormal position of the first child. Death occurred within a few minutes.
6. Case had regular ante-natal supervision up to time of admission to Hospital about the 30th week of pregnancy on account of Pyelitis and persistent Albuminuria. Primary nephritic toxæmia was diagnosed in Hospital with inadequate renal function. Labour was induced three weeks after admission, followed by a straightforward breech delivery. Collapse occurred soon after, and although there was some recovery patient died two days later.
7. Attended Ante-natal Clinic six months prior to confinement. Albumen present in urine after 5½ months attendance, when case was referred to her own doctor. Eight days later, after appropriate treatment doctor was called on account of hæmorrhage, and the case was admitted to the Maternity Home. On admission patient was in a confused state, suffering severely from shock. There was a normal delivery early next morning, but two hours later she developed a post-partum eclamptic fit, and died.

### DISTRIBUTION OF DRIED MILK.

Dried Milk, in one pound cartons, is given free to infants when the family income per head, after deducting rent, falls below a limit fixed by scale. Particulars of these distributions and also of the Milk sold are as under.

#### Free Milk—

				Compared with previous year.
Lb. Packets given during the year	...	5,121	...	5,593
To number of Infants under one year...		166	...	200
Do. over Do.	...	—	...	—
Do. expectant mothers	...	—	...	—
Do. nursing Do.	...	102	...	123
At a cost of	...	£320 1s. 3d.	...	£349 11s. 3d.

#### Milk Sold—

Lb. Packets, 8,606 realising ...£645 17s. 6d. compared with  
Lb. Packets, 7,633 „ £572 9s. 6d. in the previous year.

**Distribution**—The distribution of FREE and SOLD MILK averaged 264 packets per week, compared with 254 per week in 1934.



## Form M.C.W. 96A.

## RETURN RELATING TO MATERNITY HOSPITALS AND HOMES MAINTAINED OR SUBSIDISED BY THE COUNCIL DURING THE YEAR 1935.

1. Name and address of Institution : Highfield Maternity Home, Mill Lane.
2. Number of maternity beds in the Institution (exclusive of isolation and labour beds) : 10.
3. Number of maternity cases admitted : 203.
4. Average duration of stay : 14 days.
5. Number of cases delivered by (a) Midwives, 121 ; (b) Doctors, 82.
6. Number of cases in which medical assistance was sought by a midwife in emergency : 43.
7. Number of cases notified as (a) puerperal fever Nil. ; (b) puerperal pyrexia (i.e., rise of temperature to 100.4 deg. F. for 24 hours, or its recurrence within that period), Two.
8. Number of cases of pemphigus neonatorum : Nil.
9. Number of infants not entirely breastfed while in the Institution—One.
10. (a) Number of cases notified as ophthalmia neonatorum, —.  
(b) Result of treatment in each case. —.
11. (a) Number of maternal deaths, 1.  
(b) Cause of death, Eclampsia.
12. (a) Number of infant deaths—  
    (i) Stillborn, 2.  
    (ii) Within 10 days of birth, 6.  
(b) Cause of death in each case, and results of post-mortem examinations. No post-mortems.

1—Spina bifida	...	...	...	died	6th day
1—Haemorrhagic disease of new born...				„	6th „
1—Atelectasis lungs	...	...	...	„	1st „
1—Congenital heart	...	...	...	„	4th „
1—Premature birth	...	...	...	„	2nd „
1—Broncho Pneumonia		...	...	„	6th „

---

The provision of additional maternity beds is, at the time of preparing this Report, receiving the consideration of the Committee.

During the year cases have been referred to Institutions as under :—

CHILDREN REFERRED TO OR ADMITTED INTO  
INSTITUTIONS ON THE REPORTS OF HEALTH  
VISITORS.

Victoria Central Hospital ...	...	...	...	...	13
St. Paul's Eye and Ear Infirmary, Liverpool ...	...	...	...	...	9
Dental Clinic (School) ...	...	...	...	...	40
V.D. Centre ...	...	.....	...	...	—
T.B. Clinic ...	...	...	...	...	10
Convalescent Home, West Kirby—					
Under 5 years—Referred 11 ...	...	...	Admitted	4	
Over 5 years—    Do.    18 ...	...	...	Do.	17	
Orthopædic Clinic ...	...	...	...	...	52
Other Institutions ...	...	...	...	...	2

MOTHERS REFERRED TO INSTITUTIONS BY HEALTH  
VISITORS.

Tuberculosis Clinic ...	...	...	...	...	...	12
Dental Clinic ...	...	...	...	...	...	43
V.D. Clinic ...	...	...	...	...	...	8
Victoria Central Hospital ...	...	...	...	...	...	22
St. Faith's Home ...	...	...	...	...	...	—
Other Institutions ...	...	...	...	...	...	45
Own Doctor ...	...	...	...	...	...	74
Public Assistance Officer ...	...	...	...	...	...	39

### MIDWIVES ACT.

The number of Midwives who notified their intention to practise in Borough during the year (excluding three at the Corporation Maternity Home) was 52, two of whom are untrained. None are illiterate. Their Registers (which are, on the whole, kept well) and their bags are regularly inspected by a Health Visitor who possesses the Certificate of the Central Midwives Board.

The total number of cases attended by these Midwives during the year without a Doctor being in attendance was 431. In addition the number attended by the Midwives at the Corporation Maternity Home was 121.

Of the Midwives who notified their intention to practise—

2	attended no cases at all during the year.
16	„ „ unless with a Doctor.
13	„ fewer than 10 cases without a Doctor.
6	„ 10 but fewer than 20 cases without a Doctor.
2	„ 20 „ „ 30 „ „ „
3	„ 30 „ „ 40 „ „ „
2	„ 40 cases or more.

No arrangement exists in Wallasey for the employment of Midwives by the Local Authority. Under certain strict conditions their fees may be paid, providing full particulars of the case are supplied well in advance and the case is found, on enquiry, to be one in which the Local Authority would be justified in making payment.

Under the Rules of the Central Midwives Board (E. 18) the following notifications have been received :—

	Wallasey	Moreton	Totals
Records of sending for medical help	126	56	182
Notifications of Still-Births ... ..	5	1	6
Notifications of Laying out Dead ...	—	—	—
Notifications of Artificial feeding ...	3	1	4
Deaths of Children before attendance of a Medical Practitioner ... ..	—	—	—
Cases of Puerperal Fever attended by Midwives ... ..	—	—	—
Cases of other Infectious Disease noti- fied by Midwives ... ..	—	—	—

The following is a list of the causes for which Medical help was sought in the 182 cases mentioned above :—



## CONDITION OF MOTHER.

	Wallasey.	Moreton.	Total.
Protracted labour ... ..	22	—	22
Retained placenta ... ..	3	—	3
„ membranes ... ..	2	—	2
Post-partum Haemorrhage ... ..	5	1	6
Ante-partum Haemorrhage ... ..	1	1	2
Laceration of Perineum ... ..	43	8	51
Albuminuria ... ..	2	5	7
Placenta Praevia ... ..	—	—	—
Rise of Temperature ... ..	4	1	5
Uterine Inertia ... ..	4	4	8
Miscarriage ... ..	—	1	1
Abortion ... ..	—	2	2
Mal-presentation ... ..	6	4	10
Abnormal presentation ... ..	3	—	3
General weakness ... ..	—	—	—
Various other causes ... ..	9	12	21

## CONDITION OF CHILD.

Feebleness of Infant ... ..	5	7	12
Prematurity ... ..	9	2	11
Inflamed Eyelids ... ..	8	8	16
	<hr/> 126	<hr/> 56	<hr/> 182

Under Section 8 of the Midwives' Act, the Central Midwives Board is to be advised of the death, and change of name or address of any Midwife.

Changes have been notified during the year in respect to :—

Name ... ..	—
Address ... ..	5
Notice of intent on to cease practice ... ..	3
Removal from District ... ..	2
Death ... ..	1

**PUERPERAL FEVER.**

The number of notifications during the year was three, two of which proved fatal. In addition to these there were two maternal deaths in Birkenhead Municipal Hospital and 3 in other Hospitals.

**OPHTHALMIA NEONATORUM.**

Three of the Health Visitors have received special instruction in the douching of eyes of children suffering from Ophthalmia Neonatorum. Five cases were notified during the year and were treated by them under the superintendence of the doctors, 53 visits being paid for the purpose of douching. All cases recovered without injury to the eyes.

INFANT MORTALITY IN WALLASEY DURING 1935.

Nett Deaths from Stated Causes in weeks and months under one year of age.

CAUSES OF DEATH.	Under 1 Week.	1—2 Weeks.	2—3 Weeks.	3—4 Weeks.	Total under 1 month.	4 Weeks and under 3 months.	3—6 months.	6—9 months.	9—12 months.	Total Deaths under 1 year.	Deaths in
All causes—Certified	34	4	1	1	40	10	4	3	4	61	6
Uncertified	—	—	—	—	—	—	—	—	—	—	—
{ Small-pox .....	—	—	—	—	—	—	—	—	—	—	—
{ Chicken-pox .....	—	—	—	—	—	—	—	—	—	—	—
{ Measles .....	—	—	—	—	—	—	—	—	—	—	—
{ Scarlet Fever .....	—	—	—	—	—	—	—	—	—	—	—
{ Whooping Cough .....	—	—	—	—	—	1	—	1	1	3	—
{ Diphtheria & Croup .....	—	—	—	—	—	—	—	—	—	—	—
{ Influenza .....	—	—	—	—	—	—	—	—	1	1	—
{ Erysipelas .....	—	—	—	—	—	—	—	—	—	—	—
{ Tubercular Meningitis .....	—	—	—	—	—	—	—	—	—	—	—
{ Abdom'l Tuberculosis .....	—	—	—	—	—	—	—	—	—	—	—
{ Other Tuberculous Diseases .....	—	—	—	—	—	—	—	—	—	—	—
{ Meningitis( not Tuberculous) .....	—	—	—	—	—	1	—	—	—	1	—
{ Convulsions .....	3	1	—	1	5	1	—	—	—	6	—
{ Laryngitis .....	—	—	—	—	—	—	—	—	—	—	—
{ Bronchitis .....	—	—	—	—	—	—	1	—	—	1	—
{ Pneumonia (all forms) .....	—	—	—	—	—	2	1	1	1	5	—
{ Diarrhoea .....	—	—	—	—	—	—	—	—	—	—	—
{ Enteritis .....	—	—	—	—	—	1	—	—	—	1	—
{ Gastritis .....	—	—	—	—	—	—	—	—	—	—	—
{ Syphilis .....	—	—	—	—	—	—	—	—	—	—	—
{ Rickets .....	—	—	—	—	—	—	—	—	—	—	—
{ Suffocation, Overlying Injury at birth .....	—	—	—	—	—	—	—	—	—	—	—
{ Atelectasis .....	3	—	—	—	3	—	—	—	—	3	—
{ Congenital Malformations ...	1	—	1	—	2	—	—	—	—	2	—
{ Premature Birth ...	21	1	—	—	22	—	—	—	—	22	1
{ Atrophy, Debility, Marasmus .....	1	—	—	—	1	1	1	—	—	3	—
{ Other Causes .....	5	2	—	—	7	3	1	1	1	13	1
Totals .....	34	4	1	1	40	10	4	3	4	61	6

## INFANT MORTALITY IN THE WARDS.

Ward	Births	Infant Deaths	Infant Mortality Rates per 1,000 Births
1	54	2	37.0
2	57	5	87.7
3	61	1	16.3
4	67	4	59.7
5	83	8	96.3
6	87	2	23.0
7	111	2	18.1
8	117	8	68.3
9	120	6	50.0
10	100	1	9.8
11	64	3	46.9
12	71	3	42.2
13	48	1	20.8
14	63	3	47.6
15	66	6	90.9
16	86	5	58.1
17	25	1	40.0
	1,280	61	47.6

The deaths of children under one year were spread over the four quarters thus:—First quarter 17, Second 11, Third 12, Fourth 21.

The following Tables are very interesting as showing the marked decrease in infant mortality over a number of years (A) in Wallasey ; (B) in the Country generally.



## (A) INFANT MORTALITY IN WALLASEY SINCE 1915.

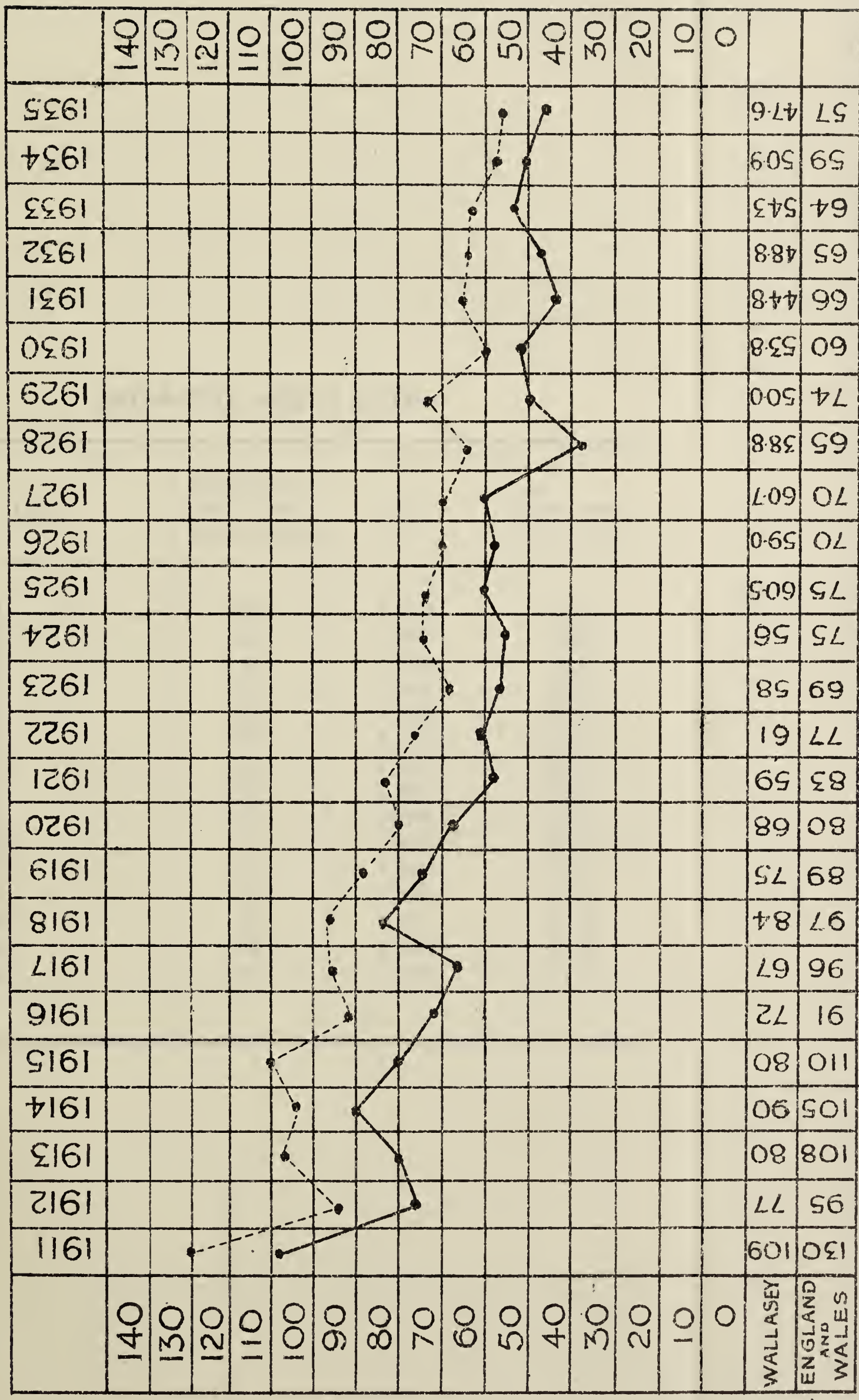
Year.	No. of Deaths of Infants under one year.	Per cent. of Total Deaths.	Rate of Infant Mortality per 1,000 Births.	Deaths of Children under 5 Years.
1915	143	12.8	80	203
1916	128	12.5	72	186
1917	98	9.4	67	166
1918	123	10.5	84	214
1919	108	10.0	75	168
1920	130	13.3	68	169
1921	98	10.0	59	141
1922	98	8.8	61	152
1923	83	8.3	58	116
1924	79	7.7	56	111
1925	78	7.5	60	125
1926	87	8.3	59	127
1927	77	7.8	60	109
1928	56	5.0	39	112
1929	70	5.7	50	107
1930	76	7.2	53	101
1931	60	5.2	44	79
1932	64	5.4	48	105
1933	69	5.3	54	108
1934	66	5.8	50	100
1935	61	4.9	47	92

(B) INFANT MORTALITY IN WALLASEY COMPARED WITH  
INFANT MORTALITY RATES FOR ENGLAND AND WALES  
SINCE 1904.

Year.	Number of		Infant Mortality Rate per 1,000 births.	England and Wales Rate per 1,000 births
	Births.	Infant Deaths.		
1904	1,678	265	157	145
1905	1,657	163	98	128
1906	1,716	201	117	132
1907	1,763	179	101	118
1908	1,738	176	101	120
1909	1,838	148	80	109
1910	1,724	149	86	105
1911	1,752	190	109	130
1912	1,791	138	77	95
1913	1,863	150	80	108
1914	1,842	167	90	105
1915	1,774	143	80	110
1916	1,768	128	72	91
1917	1,448	98	67	96
1918	1,457	123	84	97
1919	1,422	108	75	89
1920	1,886	130	68	80
1921	1,640	98	59	83
1922	1,591	98	61	77
1923	1,430	83	58	69
1924	1,409	79	56	75
1925	1,289	78	60	75
1926	1,453	87	59	70
1927	1,266	77	60	70
1928	1,411	56	39	65
1929	1,400	70	50	74
1930	1,412	76	53	60
1931	1,342	60	44	66
1932	1,315	64	48	65
1933	1,271	69	54	64
1934	1,295	66	50	59
1935	1,280	61	47	57

INFANT MORTALITY RATES PER 1000 BIRTHS.

WALLASEY ----- ENGLAND AND WALES.





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### NEO-NATAL DEATH RATES.

Year.			Deaths in first four weeks of life	Births	Rates per 1,000 births
1921	...	...	39	1,640	23.1
1922	...	...	57	1,591	35.8
1923	...	...	44	1,430	30.7
1924	...	...	41	1,409	29.1
1925	...	...	40	1,289	31.0
1926	...	...	38	1,453	26.1
1927	...	...	36	1,266	28.4
1928	...	...	27	1,411	19.1
1929	...	...	35	1,400	25.0
1930	...	...	39	1,412	27.6
1931	...	...	35	1,342	26.0
1932	...	...	37	1,315	28.1
1933	...	...	41	1,271	32.3
1934	..	...	39	1,295	27.8
1935	...	...	40	1,280	31.2

### EPIDEMIC DIARRHOEA.

The deaths of children from “ Diarrhoea ” and “ Enteritis ” under 1 year numbered 1.

### FEEDING OF CHILDREN.

The following Table gives data in regard to the method of feeding of infants when first visited and of a certain number of those who died:—

Births Visited.	Entirely breast.	Bottle fed.	Breast and bottle.	Infant deaths visited	Number breast fed.	Number bottle fed.	Breast and bottle.	No information.
1,244	91%	3%	6%	53	3	17	2	3

### CHILDREN and YOUNG PERSONS ACT, 1932.

Children Act, 1908, as amended by Part V of the above-named Act.

No. of persons who were receiving children for reward at Jan. 1st	20
do. added to Register during the year ... ..	15
do. removed from Register during the year ... ..	14
do. on Register at December 31st ... ..	21
No. of children under 9 years on Register at Jan. 1st ...	20
do. added to Register during the year (including 11 re-admissions)... ..	57
do. removed from Register during the year ... ..	48
do. Deaths of children during the year ... ..	—
do. Inquests on children during the year ... ..	—
do. Children on Register at December 31st ... ..	29
do. Visits during the year ... ..	169
No. of Infant Protection Visitors at end of year who were:—	
(i) Health Visitors ... ..	6
(ii) Female other than Health Visitors ... ..	—
(iii) Male ... ..	—

### LEGAL PROCEEDINGS.

Proceedings instituted during the year ... ..	Nil
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### BOARDED-OUT CHILDREN.

Visits are paid at intervals to the two Homes of the Public Assistance Committee (Falkland Road and Albion Street) for the purpose of medically examining the children in such Homes.

Reports as to the conditions discovered are supplied on each occasion to the Public Assistance Committee. In no instance was there any matter to which it was necessary to call special attention, the condition of the children and the Homes being generally satisfactory. In the former Home there is accommodation for 12 children, and in the latter for 25 children, between the ages of 3 and 16 years. Before children are admitted to the Homes they are examined by one of the medical staff of the Department. Cases of minor infectious diseases, such as Measles, Chickenpox, etc., occurring amongst the children are transferred to Mill Lane Hospital for treatment.

In addition to the children in these Homes the Public Assistance Committee have a number of others in the care of foster-mothers. One of the Health Visitors visits them each month and reports are also made in regard to them. The number of children seen each time was two.

### **HEALTH PROPAGANDA.**

The Medical Officer of Health responded to invitations to him to address a number of local Societies on matters affecting various aspects of public health. The Societies visited for this purpose included the Wallasey Branch of Rotary, the Liscard Wednesday Evening Society, the New Brighton Ratepayers' Association and the Moreton Ratepayers' Association.

One of the forms of health propaganda in the Borough is the free distribution, chiefly through the Schools and the Clinics of 1,000 copies monthly of the journal "BETTER HEALTH." Books, pamphlets, leaflets, etc., dealing with health matters such as prevention of illness, care of the teeth, etc., etc., are also distributed through the various Clinics, and other channels. In addition literature of a suitable kind is distributed at the Clinics in regard to the prevention of Venereal Diseases and as to the Centres at which treatment is available.

Another form of propaganda is by means of the Empire Marketing Board's poster boards which were transferred to the Corporation a few years ago. Posters relating to "Tuberculosis," "Teeth," and "Healthy Childhood," were displayed at monthly intervals over the short period of the year that the boards were at the disposal of the Department.

### **HOSPITAL SERVICES.**

#### **HOSPITALS AND OTHER INSTITUTIONS AVAILABLE.**

#### **HOSPITALS, ETC., PROVIDED OR SUBSIDISED BY THE LOCAL AUTHORITY.**

Particulars as to the Hospitals and Institutions PROVIDED or SUBSIDISED by the LOCAL AUTHORITY within the District were set out in detail on Pp. 56 *et seq.* of the Annual Report for 1930.



### GRANTS TO INSTITUTIONS, ASSOCIATIONS, &c.

Grants were made by the Corporation to the following Institutions and Charitable and other Associations during the past year:—

Victoria Central Hospital	...	...	...	...	£500
Wallasey Cottage Hospital	...	...	...	...	£50
Wallasey Dispensary	...	...	...	...	£45
Seacombe, Egremont and New Brighton Nursing Assoc.	...	...	...	...	£50
Wallasey and Poulton Nursing Association	...	...	...	...	£20
Moreton and District Nursing Association	...	...	...	...	£25
Women's Service Bureau (Home Helps) Liverpool	...	...	...	...	£20
St. Faith's Home for Unmarried Mothers, Birkenhead	...	...	...	...	£70
Foot Hospital, Liverpool	...	...	...	...	£5/5/-
School for Deaf and Dumb, Liverpool...	...	...	...	...	£1/1/-
N.S.P.C.C. (Wallasey and North Wirral Branch)	...	...	...	...	£31
Steel House of Help	...	...	...	...	£55
Seacombe Poor Kiddies and Old Folks' Association	...	...	...	...	£20
Civic Guild of Help	...	...	...	...	£30
Central Council for Health Education	...	...	...	...	£5/5/-
Department of Scientific and Industrial Research	...	...	...	...	£5/5/-
West Lancashire and Cheshire Regional Smoke Abatement Committee	...	...	...	...	£2/2/-
National Institute for the Blind	...	...	...	...	£21
North-western Counties Association for the Blind	...	...	...	...	£14
Wallasey Invalid Children's Association	...	...	...	...	£10

and an additional grant of £50 in respect of milk supplied to children up to the age of three years.

### BIRKENHEAD MUNICIPAL HOSPITAL.

The following information has been supplied to me by the Medical Superintendent of Birkenhead Municipal Hospital.

#### Form Hosp. 6.

Name and situation of Institution : Birkenhead Municipal Hospital.

Area and population served by the Institution : Birkenhead Census 147,946, Est. 1935, 150,100. Wallasey Census, 97,626, Est. 1935, 96,600.

The Institution is a General Hospital maintained under the Local Government Acts.

Staffing and Medical Supt. : Dr. Ross Alfred Grant, M.B., Ch.B., F.R.C.S. (Non-resident Whole-time Officer).

Other resident Medical Staff, 5 ; Visiting Staff 8.

Specialised Services supplied : Orthopædic, Gynæcological, Dental, X-rays, Massage, ear, nose and throat, psychiatrist, ophthalmic, physician.

Trained Nurses, 37 ; Probationers 89 ; Assistant Nurses, —.  
Male Attendants —.

Beds available in the Institution for sick, maternity and mental cases, irrespective of occupation by Birkenhead or Wallasey patients :—

For men 220.

For women 212.

For children (under 16 years of age). (excluding  
cots in maternity wards) 94.

Total accommodation 526.

The number of beds allocated to Wallasey was reduced towards the end of the year from 150 to 125, no special number for sexes or children. It is not possible therefore to state actual number of Wallasey beds allocated to each.

TABLE showing the CLASSIFICATION of the ACCOMMODATION for SICK, MATERNITY AND MENTAL CASES and the number of beds occupied by Wallasey cases on the 31st December.

Classification of Wards.*	Number of Wards.	BEDS.							
		Men		Women		Children (under 16 years of age)		Total.	
		Pro- vided (3)	Occu- pied (4)	Pro- vided (5)	Occu- pied (6)	Pro- vided (7)	Occu- pied (8)	Pro- vided (9)	Occu- pied (10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Medical ...	7	71	17	78	20	—	—	149	37
2. Surgical ...	7	81	18	67	10	—	—	148	28
3. Children ...	3	—	—	—	—	94	32	94	32
4. Chronic sick ...	4	20	7	20	3	—	—	40	10
5. Venereal ...	2	9	2	4	—	—	—	13	2
6. Tuberculosis	3	39	3	22	1	—	—	61	4
7. Isolation ...	—	—	—	—	—	—	—	—	—
8. Maternity	5	—	—	21	3	—	—	21	3
9. Mental ...	—	—	—	—	—	—	—	—	—
(a) Lunacy Act, 1890.....	—	—	—	—	—	—	—	—	—
(1) Short Stay	—	—	—	—	—	—	—	—	—
(2) Long stay	—	—	—	—	—	—	—	—	—
(b) Mental Treat- ment Act, 1930	—	—	—	—	—	—	—	—	—
(1) Voluntary	—	—	—	—	—	—	—	—	—
(2) Temporary	—	—	—	—	—	—	—	—	—
10. Mental defectives	—	—	—	—	—	—	—	—	—
11. Other .....	—	—	—	—	—	—	—	—	—
Total ...	31	220	47	212	37	94	32	526	116

Statistics relating to the year ended December 31st, 1935.

(A) IN-PATIENTS FROM WALLASEY.

1.	Total number of admissions	...	...	...	...	882
2.	Number of Women confined in Hospital	...	...	...	...	105
3.	Number of live births	...	...	...	...	102
4.	Number of still births	...	...	...	...	4
5.	Number of deaths among the newly-born (i.e. under four weeks of age)	...	...	...	...	4
6.	Total number of deaths among children under one year	...	...	...	...	7
7.	Number of Maternal deaths among women confined in Hospital	...	...	...	...	2
8.	Total number of deaths	...	...	...	...	147
9.	Total number of discharges (including infants born in Hospital)	...	...	...	...	716
10.	Duration of stay of patients included in 8 and 9 above Number of cases whose total stay was (a) 4 weeks or less, 585 ; (b) exceeding 4 but under 13 weeks, 218 ; (c) 13 weeks or more, 60.					
11.	Number of beds occupied (a) average during the year (b) highest 128 on (date) 17th December ; (c) lowest 74 on (date) 24th September.					97
12.	Number of surgical operations under general anæsthetic (excluding dental operations)	...	...	...	...	75
13.	Number of abdominal sections	...	...	...	...	23

(B) OUT-PATIENTS.

1. Nature and scope of the out-patient provision (if any) for continuation of treatment, emergency treatment, consultations or otherwise ... Nil

No true Out-patients Department, as usually meant by this term at the Hospital, but there is a Continuation Clinic for the treatment of in-patients who have been discharged and need further treatment as Out-patients.

A new Ear, Nose and Throat Department was commenced February, 1935, and there is also a Consulting Ophthalmic Surgeon who sees special cases sent up from the Public Assistance Committee.

The figures given below relate to the attendances only at the Continuation Clinic.

2.	Total number of persons seen in the Out-patient Department	...	...	...	...	18
3.	Number of these subsequently admitted as In-patients	...	...	...	...	2
4.	Number of these who had received in-patient treatment at the Institution	...	...	...	...	13
5.	Total Attendances in Out-patient Department	...	...	...	...	211



**(C) CLASSIFICATION OF WALLASEY IN-PATIENTS WHO WERE  
DISCHARGED FROM OR WHO DIED IN THE INSTITUTION DURING  
THE YEAR ENDED 31st DECEMBER, 1935.**

DISEASE GROUPS.	Children (under 16 yrs. of age).		Men and Women.	
	Dis- ch'g'd	Died	Dis- ch'g'd	Died
A. Acute infectious disease (1) ... ..	20	—	3	—
B. Influenza (2) ... ..	—	—	—	—
C. Tuberculosis—				
Pulmonary ... ..	2	2	26	11
Non-pulmonary ... ..	2	—	3	—
D. Malignant disease ... ..	—	—	9	14
E. Rheumatism—				
(1) Acute rheumatism (rheumatic fever) to- gether with sub-acute rheumatism and chorea ... ..	2	—	3	—
(2) Non-articular manifestations of so-called “rheumatism” (muscular rheumatism, fibrositis, lumbago and sciatica) ...	—	—	—	—
(3) Chronic arthritis ... ..	—	—	3	1
F. Venereal disease ... ..	—	—	—	—
G. Puerperal pyrexia ... ..	—	—	6	1
H. Puerperal fever { (a) Women confined in the hospital ... ..	—	—	—	—
(b) Other cases ... ..	—	—	2	—
I. Other diseases and accidents connected with pregnancy and childbirth ... ..	—	—	25	2
J. Mental diseases { (a) Senile Dementia ... ..	—	—	2	—
(b) Other ... ..	1	—	13	—
K. Senile decay (3) ... ..	—	—	4	3
L. Accidental injury and Violence (4) ...	—	—	10	—
<i>In respect of cases not included in above :</i>				
M. Disease of the Nervous System & Sense Organs ... ..	5	1	41	2
N. Disease of the Respiratory System ...	34	4	34	19
O.   “   “   Circulatory System ... ..	3	3	32	46
P.   “   “   Digestive System ... ..	11	1	31	16
Q.   “   “   Genito-urinary system ... ..	1	—	37	2
R.   “   “   Skin ... ..	8	—	17	2
S. Other diseases ... ..	58	7	73	10
T. Mothers and infants discharged from Maternity Wards and not in- { Mothers cluded in above figures        { Infants	— 95	— —	100 —	— —
U. Any persons not falling under any of the above headings ... ..	—	—	—	—
Totals ... ..	242	18	474	129

(1) Including—with the exception of Acute Primary and Influenzal Pneumonia, Tuberculosis, Puerperal Pyrexia and Puerperal Fever—all generally notifiable diseases, together with Measles, German Measles, Chickenpox, Whooping Cough and Mumps. Cases of Influenzal Pneumonia, Tuberculosis, Puerperal Pyrexia, Puerperal Fever and Acute Primary Pneumonia are recorded respectively under Groups B. C. G. H. and N. Cases of Encephalitis Lethargica are entered under Group A. if acute, and under Group M. if chronic.

(2) Including Acute Influenzal Pneumonia.

(3) Confined to cases and deaths in which no more specific diagnosis was practicable.

(4) Including suicides, attempted suicides and poisoning cases

In addition to the foregoing tables supplied by the Birkenhead Municipal Hospital the Public Assistance Officer has supplied me with data concerning cases admitted to that Hospital and to other Institutions on the certificates of one or other of the District Medical Officers. The following is a summary of this information :—

	B'head Municipal Hospital 1935	Tranmere Institut'n 1935	Eastham House 1935
Wallasey cases in on Jan. 1st.	100	92	23
Admissions during year ...	778	221	4
Births                   "           "   ...	103	—	—
	— 981	— 313	— 27
Discharges during the year (including transfers to other Institutions) ...	722	161	5
Deaths during the year ...	141	42	—
	— 863	— 203	— 5
Remaining at Dec. 31st ...	118	110*	22

\*In addition there were 8 cases of Mental Deficiency in the Institution at December 31st chargeable to the Sub-Committee for the care of the Mentally Defective.

As stated elsewhere in this Report the Corporation have an arrangement with Birkenhead Corporation under which Wallasey sick are admitted into that Authority's Municipal Hospital up to a maximum number of 150 (reduced towards the end of the year to 125). The highest number of Wallasey cases in at any one time during the year was 128 (week ending December 21st) ; and the lowest 74 (week ending September 28th).

#### INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN WITHIN AND WITHOUT THE DISTRICT.

1. St. Faith's Home : Palm Grove, Birkenhead. A Grant of £70 per annum is made towards this Home, which receives young Unmarried Mothers from this Borough.
2. Public Assistance Committee : The Public Assistance Committee provide for the maintenance in Tranmere and various other Institutions, of unmarried Mothers and their children in cases of destitution.

3. Wallasey Children's Homes : The Public Assistance Committee have two houses situate, one in Falkland Road for the reception of 12 destitute children, and one in Albion Street for the reception of 25 children, of ages between 3 and 16 years.

#### DISTRICT MEDICAL OFFICERS.

As and from April 1st, 1931, the Borough for the purposes of medical relief, was divided into three districts, as follows :—

**No. 1 District.**—To the North of an imaginary line drawn from the boundary along Poulton Bridge Road, Mill Lane, Liscard Road, Liscard Village, Manor Road, Seabank Road, Maddock Road.

*District Medical Officer* Dr. W. B. BRIGGS, 19 Seabank Road.

**No. 2 District.**—That part of the Borough which lies to the South of this imaginary line.

*District Medical Officer:* Dr. I. K. HERMON, 143 Seabank Road

**No. 3 District.**—Comprises the added areas of the old Parishes of Leasowe, Moreton and Saughall Massie.

*District Medical Officer* Dr. R. L. WYNNE, " Westholm," Upton Road.

#### MATERNITY AND NURSING HOMES.

Nursing Homes on the Register at January 1st, ...	...	17
Applications for Registration during the year ...	...	8
Nursing Homes Registered ...	...	3
Orders made revising or cancelling registration ...	...	—
Appeals against such orders ...	...	—

Cases in which such orders have been—

(a) Confirmed on appeal ; and ...	...	—
(b) Disallowed ...	...	—
Applications for exemption from Registration ...	...	—

Cases in which exemption has been—

(a) Granted ...	...	—
(b) Withdrawn ...	...	—
(c) Refused ...	...	—

Nursing Homes discontinued during the year ...	...	3
On the Register at December 31st ...	...	17
Deaths in Nursing Homes during the year ...	...	29
Visits during the year ...	...	75
Prosecutions for using non-registered premises ...	...	1



**AMBULANCE FACILITIES.**

- (A) For Infectious Cases : (1) A Motor Ambulance (2) A Delivery Van for infected clothing.
- (B) For Non-Infectious and Accident Cases. Three Motor Ambulances for Non-Infectious and Accident cases are available for public use. These are under the control of the Watch Committee.

**CLINICS AND TREATMENT CENTRES.**

- ANTE-NATAL ... (1) At Child Welfare Centre, New Street. Mondays, 2-30 p.m. Tuesdays, 10-30 a.m.  
(2) At Health Centre, Oakenholt Road, Moreton. Second and Fourth Wednesdays, 2-30 to 4-0 p.m.
- CHILD WELFARE (1) At New Street. Tuesdays and Fridays, 2 to 4 p.m. Six Cots for Infants under one year suffering from Malnutrition.  
(2) At Health Centre, Oakenholt Road, Moreton. Thursdays, 2 to 4 p.m.  
(3) At Princess Road, Thursdays 2 to 4 p.m.
- MATERNITY HOME ... At "Highfield," Mill Lane. Applications for terms of admission and arrangements for booking to be made in person to the Sister-in-Charge between 2 and 4 p.m., Week-days only.
- TUBERCULOSIS (1) At the Dispensary, Mill Lane. Mondays, Tuesdays and Fridays, 11-0 a.m. to 12 noon. Wednesdays, 6-15 to 7-30 p.m. Thursdays (for Children) 9-30 a.m. to 12 noon.  
(2) At Health Centre, Oakenholt Road, Moreton. First and Third Wednesdays, 2 to 3 p.m.
- VENEREAL DISEASES ... At the Dispensary, Mill Lane. For Females Mondays, 5-30 to 6-30 p.m. For Males Wednesdays 7-45 to 8-30 p.m. For Irrigation 6 to 7 p.m., Mondays to Fridays, and 5 to 6 p.m. Saturdays.
- ARTIFICIAL SUNLIGHT At Mill Lane Hospital. By arrangement.

- MINOR AIL-  
MENTS (1) At the School Clinic, No. 55 Church Street.  
Each Morning (Week-days), 9-30 to  
12 noon.
- (2) At Health Centre, Oakenholt Road,  
Moreton. Tuesday and Friday 9-15  
a.m. to 12 noon. Other Mornings,  
9-15 to 10. Doctor attends on Tuesday,  
9-15 to 9-45 a.m.
- EYES ... (1) At No. 55 Church Street, Thursdays, 2 to  
4 p.m. Doctor attends.
- (2) At Health Centre, Oakenholt Road,  
Moreton, At intervals, as necessary.
- DENTAL ... (1) At No. 55 Church Street. Mondays,  
Tuesdays, Wednesdays and Fridays  
9-30 a.m. to 12 noon, and 2 to 4-30 p.m.,  
Saturdays, 9-30 to 12 noon.
- (2) At Health Centre, Oakenholt Road,  
Moreton. Mondays and Thursdays, 2 to  
4-30 p.m.
- TONSILS AND ADENOIDS ... Clinics held at Victoria Central Hospital,  
Monday afternoons at 1-30.
- ORTHOPÆDIC (1) At the School Clinic, No. 55 Church Street.  
Mondays, Tuesdays, Wednesdays and  
Fridays, 2 to 4-30 p.m. Tuesdays,  
Thursdays, Fridays, 9-30 to 12 noon,  
for Massage, Electrical Treatment and  
Remedial Exercises. Doctor attends on  
First Wednesday of the Month at 2 p.m.
- (2) At Elleray Park School. Mondays and  
Wednesdays, 9-15 a.m. to 12 noon.  
Thursdays, 1-30 to 3-30 p.m.
- (3) At Health Centre, Oakenholt Road,  
Moreton. Second Friday, 2 to 4 p.m.,  
January, March, May, July, September  
and November.

NOTE.—On days of Public Holiday the Clinics are closed.

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASE.

## NOTIFICATIONS OF INFECTIOUS DISEASES.

(A) in each Month ; and (B) in each Quarter for the Year 1935.

## (A) MONTHS.

	Small-pox.	Diphtheria.	Erysipelas.	Scarlet Fever.	Typhoid Fever.	Puerperal Pyrexia.	Puerperal Fever.	Cerebro-Spinal Meningitis	Acute Polio-Myelitis.	Tuberculosis		Ophthalmia Neonatorum.	Malaria.	Dysentery.	Plague.	Pneumonia.	Encephalitis Lethargica.	Polio-
										Pulmy.	Other.							
Jan. ...	—	23	2	24	—	2	1	—	—	9	1	—	—	—	—	1	—	—
Feb. ...	—	24	2	19	—	—	—	—	—	5	1	1	—	—	—	6	—	—
March ...	—	20	4	13	—	1	1	—	—	5	2	—	1	—	—	14	—	—
April ...	—	15	4	21	—	2	1	1	—	3	3	—	—	—	—	9	—	—
May ...	—	11	2	26	—	1	—	—	—	10	2	1	—	—	—	9	—	—
June ...	—	26	2	14	—	3	—	—	—	3	1	1	—	—	—	5	—	—
July ...	—	34	2	14	—	—	—	—	—	5	3	1	—	—	—	4	—	—
August	—	11	3	19	1	1	—	—	1	7	1	1	—	—	—	4	—	—
Spt. ...	—	16	—	26	—	2	—	—	—	15	4	—	—	—	—	5	—	—
Oct. ...	—	28	2	12	—	—	—	—	—	7	4	—	1	—	—	2	—	—
Nov. ...	—	28	3	26	1	3	—	—	—	4	—	—	—	—	—	9	—	—
Dec. ...	—	39	4	18	—	—	—	—	—	8	—	—	—	—	—	8	—	—
Totals ...	—	275	30	232	2	15	3	1	1	81	22	5	2	—	—	76	—	—

## (B) QUARTERS.

1st Q. ...	—	67	8	56	—	3	2	—	—	19	4	1	1	—	—	21	—	—
2nd Q. ...	—	52	8	61	—	6	1	1	—	16	6	2	—	—	—	23	—	—
3rd Q. ...	—	61	5	59	1	3	—	—	1	27	8	2	—	—	—	13	—	—
4th Q. ...	—	95	9	56	1	3	—	—	—	19	4	—	1	—	—	19	—	—
Totals ...	—	275	30	232	2	15	3	1	1	81	22	5	2	—	—	76	—	—



NOTIFIABLE DISEASE.	Notifi- cations.	Cases notified at ages							Total Cases notified in each Ward.																	Cases Admit- ted to Mill Lane Hospital	Deaths in Mill Lane Hospital
		0-1	1-5	5-15	15-25	25-45	45-65	Over 65	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Small-pox .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria .....	2	—	—	—	2	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Dysentery .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membranous Croup)	275	—	40	183	35	15	2	—	19	20	12	19	14	13	26	22	30	24	6	5	4	10	38	11	2	<sup>(a)</sup> 274	17
Erysipelas .....	30	1	—	3	2	9	12	3	3	3	1	4	1	1	1	2	2	1	1	2	3	2	1	2	—	8	1
Scarlet Fever .....	232	1	59	142	17	13	—	—	7	7	8	11	15	7	16	27	21	15	14	18	11	7	22	24	2	<sup>(b)</sup> 207	1
Enteric Fever .....	2	—	—	—	1	1	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	1	—
Puerperal Fever .....	3	—	—	—	—	3	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
Puerperal Pyrexia .....	15	—	—	—	7	7	1	—	—	1	—	—	1	1	2	3	1	1	—	2	—	—	1	2	—	—	—
Cerebro-Spinal Meningitis...	1	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis .....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Pneumonia .....	76	2	3	16	14	19	16	6	2	5	1	6	8	6	3	6	3	8	2	2	4	4	8	6	2	1	—
Ophthalmia Neonatorum	5	5	—	—	—	—	—	—	—	—	—	—	—	1	3	1	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	81	—	1	1	26	34	15	4	5	6	2	5	6	7	6	9	1	4	10	3	3	2	3	7	2	35	8
Other forms of Tuberculosis	22	—	5	8	7	1	1	—	—	1	1	—	1	3	—	6	—	3	4	1	—	—	—	2	—	—	—
Measles (not notifiable) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13	—
Encephalitis Lethargica ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polio-Encephalitis .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Admissions .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22	4
TOTALS.....	745	9	109	353	112	102	47	13	36	44	25	46	46	40	58	76	60	56	37	33	25	25	75	55	8	561	31

\* Of the 274 cases admitted to Hospital as Diphtheria, 36 were found not to be Diphtheria.

† Of the 207 cases admitted as Scarlet Fever, 6 were found not to be Scarlet Fever.

(a) This 274 includes 19 Diphtheria carriers and 2 cases from Birkenhead.

(b) 19 of the Scarlet fever cases were admitted from Wirral Joint Hospital Board's Institution.

1 Measles case was admitted from Hoylake Children's Home.





TABLE SHOWING NOTIFICATIONS SINCE 1913.

Disease.	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
Small-pox .....	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—
Diphtheria & Mem- branous Croup .....	44	84	89	68	46	49	71	103	96	88	60	34	62	110	129	92	41	77	106	184	98	258	275
Erysipelas .....	21	47	34	21	20	12	22	31	19	18	17	19	22	24	32	20	29	23	34	31	30	39	30
Scarlet Fever .....	312	249	210	119	189	361	286	145	494	265	113	170	287	214	187	139	179	146	146	116	219	223	232
Typhus .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid .....	19	22	14	11	2	4	1	6	11	2	4	10	3	2	3	6	5	3	7	1	3	1	2
Puerperal Fever .....	1	1	3	2	1	4	2	5	12	5	2	1	4	1	1	1	2	2	1	2	3	2	3
Puerperal Pyrexia (notifiable from Oct. 1st, 1926) .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phthisis .....	158	171	130	181	192	182	115	142	198	160	117	169	180	108	68	104	99	10	7	7	3	7	15
Non-Pulmonary Tuberculosis .....	66	38	39	48	25	16	52	26	31	31	31	51	56	31	30	46	28	25	24	22	22	26	22
Cerebro-Spinal Meningitis .....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—	1
Acute Poliomyelitis ...	—	1	—	—	—	—	1	1	—	—	—	1	2	1	—	—	1	—	—	2	—	1	1
Ophthalmia Neonator- um (from Apr. 1st, 1914)	—	16	8	17	12	9	9	10	7	5	7	11	2	3	2	8	3	8	8	6	7	2	5
Measles .....	—	—	—	1116	751	533	98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles (German) .....	—	—	—	379	164	65	144	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria .....	—	—	—	—	—	—	24	15	3	3	—	—	—	—	1	3	3	1	—	—	—	1	2
Dysentery .....	—	—	—	—	—	—	3	—	—	—	—	—	—	1	2	1	1	—	—	—	—	—	—
Pneumonia (all forms)	—	—	—	—	—	—	130	75	65	123	100	76	74	51	60	87	117	55	50	51	81	51	76
Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lethargica .....	—	—	—	—	—	—	1	—	4	—	5	3	5	6	9	7	5	2	1	2	1	1	—
Polio-Encephalitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	—	1	—	—
Totals .....	621	630	528	1962	1403	1236	962	559	940	700	456	545	697	556	534	536	524	458	467	504	530	696	745



SCARLET FEVER.

The notifications numbered 232, giving an attack rate of 2.40 per 1,000 of population. There was one death giving a rate of 0.01. The notifications in the previous year were 228 with no deaths, the rates being 2.28 and nil respectively. 207 cases were removed to Hospital, 19 of which were from Clatterbridge Infirmary under an arrangement between this Council and that Hospital.

“ RETURN ” CASES.

Periods of year when “ Return ” Cases have occurred in each year since 1911.

Year.	Jan.	Feb.	Mch.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Quarters			
													1st	2nd	3rd	4th
1911	—	—	—	—	—	—	—	1	1	—	3	—	—	—	2	3
1912	—	1	1	2	2	—	—	3	—	1	4	—	2	4	3	5
1913	—	1	1	—	—	—	—	—	1	2	—	—	2	—	1	2
1914	2	—	—	1	—	—	—	1	—	—	—	—	2	1	1	—
1915	1	—	—	—	1	—	—	—	—	—	—	—	1	1	—	—
1916	—	—	—	—	—	—	1	—	2	—	—	—	—	—	3	—
1917	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—
1918	—	—	4	—	—	—	1	1	—	—	1	—	4	—	2	1
1919	2	1	—	—	—	—	—	—	—	1	—	—	3	—	—	1
1920	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
1921	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
1922	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—
1923	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1924	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1925	—	1	1	—	—	—	1	—	1	1	2	1	2	—	2	4
1926	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
1927	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—
1928	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
1929	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1930	—	—	1	—	—	—	4	—	—	—	—	—	1	—	4	—
1931	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
1932	—	—	—	—	—	1	—	—	1	—	—	—	—	1	1	—
1933	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1934	—	—	—	—	—	—	—	1	—	—	2	—	—	—	1	2
1935	1	—	1	1	1	—	—	4	1	3	1	1	2	2	5	5

There were 14 “ Return ” cases during the year.

HOME TREATED CASES.

In 5 instances 2 cases were notified at the same time.  
„ 1 instance 2nd case notified 3 days after 1st.  
„ 1 „ „ „ 45 „ „

HOSPITAL CASES.

In 3 instances 2 cases were removed at same time.

„ 1	instance	2nd case was removed	1 day after 1st.
„ 2	instances	„ „	2 days after 1st.
„ 1	instance	„ „	6 „ „
„ 1	„	„ „	34 „ „
			or 13 days after discharge of 1st from Hospital.
„ 1	„	2nd and 3rd cases were removed	38 days after 1st or 9 days after discharge of 1st from Hospital.
„ 1	„	2nd case was removed	39 days after 1st or 6 days after discharge of 1st from Hospital.
„ 1	„	„ „	40 days after 1st or 12 days after discharge of 1st from Hospital.
„ 1	„	„ „	41 days after 1st or 10 days after discharge of 1st from Hospital.
„ 1	„	„ „	46 days after 1st or 9 days after discharge of 1st from Hospital, 3rd & 4th 49 days later or 9 days after dis- charge of 2nd and 5th 2 days later.
„ 1	„	„ „	48 days after 1st or 20 days after discharge of 1st from Hospital.
„ 1	„	„ „	51 days after 1st or 9 days after discharge of 1st from Hospital.
„ 1	„	„ „	62 days after 1st or 11 days after discharge of 1st from Hospital.
„ 1	„	„ „	62 days after 1st or 13 days after discharge of 1st from Hospital.
„ 1	„	„ „	69 days after 1st or 23 days after discharge of 1st from Hospital.
„ 1	„	„ „	76 days after 1st or 15 days after discharge of 1st from Hospital.
„ 1	„	„ „	105 days after 1st or 76 days after discharge of 1st from Hospital.
„ 1	„	„ „	156 days after 1st or 101 days after discharge of 1st from Hospital.

The following Table gives some very interesting  
STATISTICS RE SCARLET FEVER SINCE 1901.

Year.	Estimated Population at Middle of Year.	Total Notifications.	Attack rate per 1,000 of Population.	No. of Deaths.	Death rate per cent. of Cases.	Death rate per 1,000 of Population.	No. of Cases Admitted to Hospital.	Percentage of Cases removed to Hospital.	No. of Deaths in Hospital.	Percentage of Deaths in Admissions.
1901	54,000	147	2.7	5	3.4	0.09	68	45.5	4	5
	— Census — 53,579									
1902	55,000	293	5.3	5	1.7	0.09	199	67.9	4	2
1903	56,000	440	7.8	18	4.1	0.32	309	70.2	11	3
1904	57,000	270	4.7	8	3.0	0.14	170	62.9	7	4
1905	58,000	348	5.9	6	1.7	0.10	227	62.0	3	1
1906	62,000	266	4.3	6	2.2	0.09	178	66.9	6	3
1907	67,000	255	3.8	6	2.3	0.08	188	73.7	6	3
1908	71,000	248	3.5	10	4.0	0.14	174	70.1	9	5
1909	73,000	716	9.8	20	2.7	0.27	507	70.8	14	2
1910	75,000	329	4.3	3	0.5	0.04	229	69.6	2	0
1911	79,000	286	3.6	2	0.7	0.02	189	66.1	1	0
	— Census — 78,504									
1912	81,000	307	3.8	6	1.9	0.07	205	66.7	3	1
1913	83,000	312	3.8	6	1.9	0.07	216	69.2	5	2
1914	85,000	249	2.9	4	1.6	0.04	159	63.8	2	1
1915	Gross 90,000 Civil 85,000	210	2.3	3	1.4	0.03	90	42.8	3	1
1916	*83,442 †90,786	119	1.4	—	—	—	66	55.4	—	—
1917	*84,209 †93,869	189	2.2	—	—	—	111	58.7	—	—
1918	*80,956 †90,708	361	4.4	7	1.9	0.08	199	55.1	3	1
1919	95,424 †99,403	286	2.9	5	1.7	0.05	167	58.4	4	2
1920	100,000	145	1.4	—	—	—	83	57.1	—	—
1921	90,809	494	5.4	3	0.6	0.03	190	38.4	2	1
	— Census —									
1922	91,000	265	2.9	2	0.7	0.02	94	35.4	1	1
1923	91,000	113	1.2	—	—	—	61	54.0	—	—
1924	91,000	170	1.8	1	0.6	0.01	89	52.3	1	1
1925	91,720	287	3.1	1	0.3	0.01	158	55.0	1	0
1926	93,050	214	2.2	1	0.4	0.01	80	37.7	—	—
1927	93,530	187	2.0	2	1.0	0.02	91	48.6	2	2
1928	99,000	139	1.4	1	0.7	0.01	76	54.9	2	2
1929	101,300	179	1.6	—	—	—	102	56.9	—	—
1930	98,900	146	1.5	—	—	—	85	58.2	—	—
	— Census —									
1931	97,626	146	1.5	1	0.6	0.01	104	71.2	—	—
1932	97,110	116	1.19	2	1.7	0.02	73	62.9	2	2
1933	97,600	219	2.24	1	0.4	0.01	136	62.1	1	0
1934	97,000	223	2.29	—	—	—	138	61.9	—	—
1935	96,600	232	2.40	1	0.4	0.01	207*	81.0†	1	0

\* Registrar-General's estimate for calculating Death Rate.

† Ditto. Birth Rate.

o Lowest number of Notifications since 1892.

\* Includes 19 cases admitted from Clatterbridge Infirmary.

† Wallasey Cases only.



### DIPHTHERIA.

The notifications during the year were 275 compared with 258 during the previous year. The deaths numbered 18 as against 25 in 1934. The attack rate and death rate per 1,000 of population are 2.84 and 0.18 respectively. The notifications in the quarters were 1st, 67, 2nd, 52 ; 3rd, 61 ; 4th 95. 274 cases were admitted to Hospital. This number includes 19 "carriers" and also 2 cases admitted from Birkenhead. 36 admissions proved on bacteriological examination not to be Diphtheria.

There is a tendency on the part of some doctors to withhold administration of anti-toxin until the result of the bacteriological examination of the swab is made known. Far too much importance is placed on the bacteriological examination of the swab. The correct practice is to give anti-toxin whenever there is reason even to suspect diphtheria. When anti-toxin is given on the first day of disease, the death risk is practically nil, but rapidly increases with each day's delay in the administration.

Two children in one family developed Diphtheria seven and eight days respectively subsequent to the return of the previous case from Hospital. In another family the second case occurred twenty-six days after the discharge from Hospital of the previous case.

### ANTI-TOXIN APPLICATIONS FROM PRACTITIONERS.

The number of applications during the year was 124 and the number of units issued free was 2,150,000, compared with 128 applications and 2,138,000 units in the previous year.

### HOME TREATED CASES.

In 1 instance 2nd case was notified 9 days after 1st.

### HOSPITAL CASES.

In 3 instances 2 cases admitted at same time.

„ 1 instance 2nd case admitted 1 day after 1st.

„ 1 „ „ „ 1 „ „  
3rd 2 days later and 4th 5 days after 3rd.

„ 1 „ „ „ 2 days after 1st.

„ 2 instances „ „ 3 „ „

„ 3 „ „ „ 4 „ „

„ 1 instance 2nd & 3rd cases 4 „ „ & 4th 1 day later.

„ 1 „ 2nd case admitted 5 „ „

„ 1 „ „ „ 6 „ „

„ 1 „ „ „ 14 „ „

„ 1 „ „ „ \*49 „ „ & 3rd 1 day later.  
(\*4 days before discharge of 1st).

„ 1 „ „ „ †63 days after 1st & 3rd 3 days later  
(†8 days after discharge of 1st).

In 1 instance 2nd case admitted \*83 days after 1st  
 (\*26 days after discharge of 1st).  
 „ 1 „ „ „ 93 days after 1st  
 (63 days after discharge of 1st).  
 „ 1 „ „ „ 96 days after 1st  
 (30 days after discharge of 1st).

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In 1 instance 1st case Scarlet Fever admitted 16/8/35. Discharged 19/10/35. Developed Diphtheria while in M.L.H.

2nd case had Scarlet Fever at home prior to discharge of 1st case and admitted 25/10/35 with Diphtheria.

3rd case admitted 26/10/35 with Diphtheria and Scarlet Fever.

### **DIPHTHERIA IMMUNISATION.**

On the 4th of April the Council approved the recommendation of the Health Committee that diphtheria immunisation be commenced, the approval of the Ministry of Health having been received. The Education Committee also agreed, and the work was began in the Infant Schools. Parents are, as a routine, invited to the School prior to the first injection so that the Doctor may explain to them the nature and object of the immunisation. Injection is not given under any circumstances without first referring parents to their own family doctors, and without signed consent if the injections are to be given by the Assistant School Medical Officer. The usual ages for routine immunisation are 1 to 7 years.

The appointment of Dr. Isabel O. Kennedy made possible the commencement of this important work. Three schools, Gorsedale Road, Somerville, and Barnston Lane were selected for this purpose. Circulars were distributed to the parents—111 at Gorsedale Road, 184 at Somerville, and 101 at Barnston Lane—396 in all. Forms of acceptance of the offer of immunisation were received from 205 parents (65 Gorsedale Road, 81 Somerville, 59 Barnston Lane) slightly more than 50 per cent.

The preparation used was Burroughs, Wellcome's T.A.F., three injections being given at approximately fortnightly intervals.

The full course was taken in 181 instances.

In 11 instances two injections only were given owing to parents objecting to further doses, to children failing to attend, or to (in one case) the child developing diphtheria before the full course had been completed.

In 13 instances one injection only was given for similar reasons.

There were no re-actions of note.

In addition to the work done at the schools named 83 cases were dealt with at Mill Lane Hospital, 64 of whom took the full course, 3 had two injections, 10 had one injection.

6 were Shick tested, 5 with negative results.

1 developed Diphtheria after a Positive Schick test before immunisation had been carried out.

There were no re-actions of note excepting in one instance in which the case developed redness and swelling of the arm going on to abscess formation after the second dose. There were no permanent ill effects however.



The following Table gives some very useful  
STATISTICS WITH RESPECT TO DIPHTHERIA SINCE 1901.

Year	Estimated Population Middle of Year	Total No. Of Cases Notified	Attack Rate per 1,000 Population	No. of Deaths Registered Diphtheria and Croup	Fatality per cent. of Cases	Mortality per 1,000 Population	Number of Cases treated in Hospital	Percentage of Cases Removed to Hospital
1901	54,000	55	1.0	12	21.8	0.22	22	40.0
	{ Census	{						
	53,579							
1902	55,000	40	0.7	5	12.5	0.09	20	50.0
1903	56,000	40	0.7	3	7.5	0.05	27	67.5
1904	57,000	55	0.9	12	21.8	0.21	33	54.5
1905	58,500	65	1.1	10	15.3	0.17	45	69.2
		255						
1906	62,000	58	0.9	12	20.7	0.19	30	51.7
1907	67,000	92	1.3	7	7.6	0.10	61	66.3
1908	71,000	72	1.0	8	11.0	0.11	50	69.4
1909	73,000	57	0.7	9	15.7	0.12	31	54.4
1910	75,000	44	0.58	4	9.0	0.05	25	56.8
		323						
1911	79,000	62	0.78	16	25.8	0.20	46	74.2
	{ Census	{						
	78,504							
1912	81,000	75	0.9	9	12.0	0.11	39	52.0
1913	83,000	44	0.5	5	11.3	0.06	28	63.6
1914	85,000	84	0.99	9	10.7	0.10	56	66.6
1915	Civil 85,000 Gr's 90,000	89	0.99	15	16.8	0.16	54	60.6
		354						
1916	*83,442	68	0.08	11	16.1	0.13	43	63.2
	†90,786							
1917	*84,209	46	0.81	1	2.1	0.01	25	54.3
	†93,869							
1918	*80,956	49	0.65	6	12.2	0.07	31	65.3
	†90,708							
1919	*95,424	71	0.74	9	12.6	0.09	25	35.2
	†99,403							
1920	100,000	103	1.03	7	6.8	0.07	33	32.0
1921	89,600	96	1.07	12	12.5	0.13	57	59.4
1922	91,000	88	0.85	4	4.5	0.04	46	52.0
1923	91,000	60	0.65	1	1.1	0.01	41	68.3
1924	91,000	34	0.37	1	2.9	0.01	25	73.5
1925	91,720	62	0.67	6	9.6	0.06	43	69.3
1926	93,050	110	1.18	12	10.9	1.01	90	81.8
1927	93,530	129	1.37	11	8.5	0.13	98	74.2
1928	99,000	92	0.92	8	8.6	0.08	61	66.3
1929	101,300	41	0.40	2	4.9	0.02	34	82.9
1930	98,900	77	0.76	7	9.1	0.07	64	83.1
		449						
1931	{ Census							
	97,626	106	1.08	6	8.4	0.07	87	82.0
1932	97,110	184	1.89	19	10.3	0.19	153	83.1
1933	97,600	98	1.00	8	8.1	0.08	93	94.9
1934	97,000	258	2.66	25	9.5	0.24	240	93.0
1935	96,600	275	2.84	18	6.5	0.18	274*	95.2†

\* Includes, however, 19 carriers and 2 cases admitted from Birkenhead.

† Wallasey Cases only.

**TYPHOID.**

Only two cases were notified during the year. They were admitted to Hospital and duly recovered. The attack rate per 1,000 of population was 0.02. One of these was a woman who was one of a large number of pilgrims to Lourdes, several of whom developed Typhoid after returning to their homes in various parts of this Country and Scotland. Several Wallasey persons accompanied the pilgrimage, but, with the exception of this particular case none were infected. The infection was stated to be due to contaminated water supply in the vicinity of Lourdes.

The other notified case in the Borough was that of a visitor to Hailsham, where, ultimately, contaminated water supply was discovered following the occurrence of several cases in the locality.

The Table below shows how remarkable has been the fall for several years past in the number of cases notified. It will be noted that there were 257 cases in 1901, in a population of 53,000 whereas there was but two cases in 1935 with a population of 96,600.

**DEATHS FROM TYPHOID SINCE 1901, WITH RATES.**

Year.	Notified Cases.	Deaths.	Death-Rate per 1,000 of Population.	English Mortality Rate per 1,000 populat'n.
1901	257	31	0.57	0.16
1902	64	12	0.21	0.13
1903	47	5	0.08	0.10
1904	39	7	0.12	0.09
1905	61	8	0.13	0.09
1906	65	5	0.08	0.09
1907	31	3	0.04	0.07
1908	34	4	0.05	0.07
1909	18	2	0.02	0.06
1910	14	5	0.06	0.05
1911	24	1	0.01	0.06
1912	16	3	0.03	0.04
1913	19	3	0.03	0.04
1914	23	1	0.01	0.04
1915	14	3	0.03	0.03
1916	11	3	0.03	0.03
1917	2	1	0.01	0.02
1918	4	1	0.01	0.02
1919	1	—	—	0.01
1920	6	2	0.02	0.01
1921	11	1	0.01	0.01
1922	2	1	0.01	0.01
1923	4	1	0.01	0.01
1924	10	1	0.01	0.01
1925	3	—	—	0.01
1926	1	—	—	0.01
1927	3	1	0.01	0.01
1928	6	3	0.03	0.01
1929	5	2	0.02	0.01
1930	3	—	—	0.01
1931	7	—	—	0.01
1932	1	1	0.01	0.01
1933	3	—	—	0.01
1934	1	—	—	0.00
1935	2	—	—	0.00

**ERYSIPELAS.**

The number of notifications during the year was 27, compared with 39 in the previous year. There was one death. The attack rate per 1,000 of population was 0.28, and the death rate 0.01.

**CEREBRO-SPINAL MENINGITIS and ACUTE POLIO-MYELITIS.**

One case of Cerebro Spinal Fever occurred during the year.

One case of Acute Polio-myelitis occurred during the year. This was not fatal.

**ANTHRAX and RABIES.**

No cases of Anthrax or Rabies occurred during the year.

**MALARIA.**

Two cases of Malaria occurred during the year.

**DYSENTERY, TYPHUS, CHOLERA, PLAGUE.**

No cases occurred during the year, but contacts from vessels arriving from infected ports were visited and kept under observation.

**ENCEPHALITIS LETHARGICA.**

No case was notified during the year.

**POLIO-ENCEPHALITIS.**

No case of Polio-Encephalitis was notified during the year.

**ACUTE and INFLUENZAL PNEUMONIA.**

The number of notifications during the year was 76 giving an attack rate of 0.78 per 1,000 of population, compared with 51 notifications, and an attack rate of 0.52 in the previous year.

The number of deaths of Pneumonia (all forms) was 81, a death rate of 0.84 per 1,000 of population, compared with 60 deaths and a rate of 0.61 in the previous year.

**AGES OF NOTIFICATIONS.**

0-1	1-5	5-15	15-25	25-45	45-65	over 65	Total
2	3	16	14	19	16	6	76



**DEATHS FROM INFLUENZA and CHEST COMPLICATIONS.****(A) INFLUENZA.**

No. of Deaths.			Rate per 1,000 of population	Percentage of total deaths
Under 1 yr.	Over 1 yr.	Total.		
1	21	22	0.22	1.78

**(B) BRONCHITIS.**

1	22	23	0.23	1.87
---	----	----	------	------

**(C) PNEUMONIA (All forms).**

5	76	81	0.83	6.58
---	----	----	------	------

Some of these were admitted to the Victoria Central Hospital and some to the Birkenhead Municipal Hospital. In a few cases the services of the District Nurse were requisitioned.

**SMALL-POX.**

No cases were notified during the year.

**PUBLIC HEALTH (SMALL-POX PREVENTION) REGULATIONS,  
1917.**

No primary vaccinations or re-vaccinations were performed by the Medical Officer of Health during the year.

**ISOLATION AND DISINFECTION ARRANGEMENTS.**

There are two Washington-Lyons Disinfectors at Mill Lane Infectious Diseases Hospital.

**WORK OF DISINFECTION DURING THE YEAR.**

Number of Houses disinfected after fevers	...	...	...	...	442
„ „ „ Phthisis	...	...	...	...	114
„ „ „ Other diseases	...	...	...	...	94
„ Rooms „ Fevers and Phthisis	...	...	...	...	140
„ „ „ Vermin &c.	...	...	...	...	13
Books from Public, Private, or School Libraries disinfected	...	...	...	...	258

## LIST OF ARTICLES DISINFECTED.

Number of Beds	...	...	...	...	...	...	...	722
„ Pillows and Bolsters	...	...	...	...	...	...	...	1626
„ Blankets	...	...	...	...	...	...	...	1328
„ Quilts and Eiderdowns	...	...	...	...	...	...	...	906
„ Sheets	...	...	...	...	...	...	...	1014
„ Articles of wearing apparel	...	...	...	...	...	...	...	5206
„ Miscellaneous articles	...	...	...	...	...	...	...	367
Total	...	...	...	...	...	...	...	11169

## LIST OF ARTICLES DESTROYED.

Number of Beds	...	...	...	...	...	...	...	49
„ Pillows, Bolsters and Blankets	...	...	...	...	...	...	...	11
„ Articles of Bedding	...	...	...	...	...	...	...	12
„ Articles of wearing apparel	...	...	...	...	...	...	...	41
„ Miscellaneous articles	...	...	...	...	...	...	...	65
Total	...	...	...	...	...	...	...	178

## ISOLATION HOSPITAL.

## DIPHTHERIA.

The notifications during the year were 275 as compared with 258 during the previous year. The number of cases admitted to Hospital were 274 against 240 during 1934. There were 17 deaths, representing a hospital mortality of 6.20%, as compared with 20 in 1934, and a rate of 8.33%.

Thirty-six patients notified as diphtheria were diagnosed as :— Tonsillitis 21, Quinsy 3, Bronchitis 2, Laryngitis 1, Scarlet Fever 2, Measles 1, Vincent's Angina 1, and 1 carrier, while there was no evidence of disease in 4 cases.

Actually 238 patients were found to be suffering from diphtheria including 8 who also suffered from concurrent Scarlet Fever, 3 from concurrent Chicken Pox and 1 from concurrent mumps.

There were three cases of diphtheria among the staff. Two cases were admitted from Birkenhead, four from the staff of Leasowe Children's Hospital and five children from Leasowe Hospital, one of whom died. Nineteen carriers were admitted from Leasowe Hospital, two of whom were members of the staff.

The complications met with were as follows :—

Paralysis	...	14 (Palatal 9 ; Squint 3 ; Facial 1 ; Neck 1).
Myocarditis	10	
Adenitis	...	3
Otorrhœa	...	2

Four cases of diphtheria were cross infected with scarlet fever' and one cross infected with measles.

Tracheotomy was performed in three cases.

Deaths occurred within the following periods :—

Three and a half hours after admission	...	1	} 17
Seven hours	„ „	1	
Thirteen hours	„ „	1	
Day of	„ „	1	
Two days after	„ „	1	
Three days	„ „	1	
Four days	„ „	1	
Five days	„ „	3	
Six days	„ „	2	
Seven days	„ „	1	
Eight days	„ „	2	
Nine days	„ „	1	
Thirty-seven days	„ „	1	

In two cases where the child had been ill 5 days, no serum was given nor swab taken till the day of admission.

#### ADMISSION OF CASES FOLLOWING ONSET OF DIPHTHERIA.

Admission within	1 day of onset—	32	Number fatal	Death rate Percentage of Admissions.
„ „	2 days „	75	1	0.75
„ „	3 „ „	77	3	3.7
„ „	4 „ „	53	5	9.43
„ „	5 „ „	14	5	35.71
„ „	6 „ „	4	1	25.00
„ „	7 „ „	3	—	—
„ „	8 „ „	—	—	—
„ „	9 „ „	2	1	50.00
„ „	10 „ „	1	1	100.00
„ „	11 „ „	1	—	—
„ „	14 „ „	1	—	—
No. of cases in which onset was doubtful—	.. ..	.. 11	—	—
		274	17	6.20

#### SCARLET FEVER.

The number of cases admitted to Hospital were 207 as compared with 138 in 1934. Nineteen of the admissions were from Clatterbridge.

There were 2 deaths, one due to septicaemia, the other due to septic scarlet fever resulting from scalds, giving a hospital mortality of 0.96%.

Of the 207 admissions 6 were found to be suffering from other complaints :—Urticaria 1, Erythema 1, Diphtheria 1, Tonsillitis 1, and 2 showed no evidence of disease.



Serum was administered in 43 cases.

One member of the nursing staff contracted the disease.

Four cases were admitted from Leasowe Children's Hospital, two being among the staff.

Complications arose in a number of cases and are as follows :—

Adenitis ...	12 (1 on admission)	Albuminuria	1
Otorrhoea	8 (1 „ )	Adenitis & Otorrhoea	7
Nasal discharge	7	Broncho-pneumonia	1 (O.A.)
Arthritis	3	Erysipelas	1
Nephritis	1	Diphtheria	1

Five cases were concurrent scarlet fever and diphtheria.

Four cases were cross infected measles, one died.

There were 12 return cases, 2 from one house and 3 from another. Four occurred in the 3rd quarter and eight in the 4th quarter of the year.

#### TYPHOID.

Only one case was admitted during the year.

#### ERYSIPELAS.

Eight cases were admitted, three were found to be suffering from cellulitis. There was 1 death.

#### MEASLES.

Thirteen cases were admitted, six being complicated by broncho-pneumonia. One case came from Hoylake. There was one death.

Complications were :—Otorrhoea 1, Adenitis 1 (on admission).

#### WHOOPING COUGH.

Four cases of whooping cough and broncho-pneumonia were admitted. Two proved fatal, one having been ill for fourteen days before admission. In one case there was no evidence of disease.

#### CHICKEN POX.

Three cases were admitted, one suffering from broncho-pneumonia.

#### MUMPS.

One case of mumps was admitted from Leasowe Children's Hospital.

#### VINCENT'S ANGINA.

One case was admitted during the year.

#### RETRO-PHARYNGEAL ABSCESS AND LUDWIG'S ANGINA

One case was admitted suffering from acute toxæmia and died.

**VACCINATION.**

The two Public Vaccinators for the Borough are Dr. W. B. Briggs, for the North District, and Dr. N. A. C. Best for the South District. The Vaccination Officer is Mr. William M. Jardine.

The following is information supplied to the Ministry of Health in regard to the work carried out by these Officers.

**Form M379A.**

RETURN showing Numbers of Persons successfully vaccinated and re-vaccinated at the cost of the Rates by the Public Vaccinators during the year ended 30th September, 1935.

District	Public Vaccinator.	Numbers of Successful Primary Vaccinations of Persons			Number of Successful Re-Vaccinations
		under one year of age	one and up-ward	Totals	
North Wallasey	Dr. William Bruce Briggs ...	240	4	244	10
South Wallasey	Dr. Norman A. C. Best ...	247	15	262	2
		487	19	506	12

Particulars with regard to vaccination of infants by the Public Vaccinators are as follow.

RETURN BY VACCINATION OFFICER

Respecting the Vaccination of Children whose births were registered from 1st January to 31st December, 1935, inclusive.

No. of Births returned in the "Birth List Sheets" as registered from 1st Jan. to 31st December 1934	No. of these births duly entered by 31st January, 1936 in Columns I., II., IV. and V. of the "Vaccination Register" (Birth List Sheets).				No. of these births which on 31st Jan., 1936, remained unentered in Vaccination Register on account of			No. of these Births remaining on 31st Jan. 1936 neither entered in vaccinat'n Register nor temporarily accounted for in Report Book	No. of Certificates of successful primary vaccin'n of children under 14 received during the Calendar year 1935	No. of Statutory Declarations or conscientious objections received during the Calendar year 1935	
	Col. I.	Col. II.		Col. IV.	Col. V.	Postpone-ment by Medical Certificate	Removal to Districts the vaccinat'n Officers of which have been appraised				Removal to places unknown or which cannot be reached and cases not having been found
	Success-fully vaccinated	Insus-ceptible	Had Small-pox	Statutory Declara-tions or conscien-tious objections received	Died un-vaccinated						
1,186	667	8	—	331	45	24	6	63	42	732	352



### MEASLES.

Measles is not notifiable in the Borough. Cases and suspected cases occurring in the Schools are reported through the Education Office, and all are visited in their homes by the Health Visitors. Certain cases also are admitted to the Infectious Diseases Hospital.

130 cases were reported during the year, of which 14 were found not to be Measles. There were two deaths, giving a rate of 0.02 per 1,000 of the population. The number of visits paid to Measles cases was 130.

### WHOOPING COUGH.

The procedure with regard to Whooping Cough is exactly the same as in Measles.

184 cases were reported during the year, 4 of which were found not to be Whooping Cough. Six of the cases proved fatal, giving a death rate of 0.06 per 1,000 of population. 187 visits were paid during the year.

### CHICKEN POX.

Cases of suspected Chicken Pox are reported by the Education Authority, and visits are paid to the homes in order to ascertain the conditions existing thereat. Cases which admit of any doubt as to diagnosis are visited by one of the Medical Staff. Children found unvaccinated are reported to the Public Vaccinator.

The number of cases reported during the year was 302; 3 were found not to be as reported. None of the cases proved fatal.

Of the cases visited during the year 98 were found to be unvaccinated; 87 had one mark; 4 had two marks, and 50 four marks. (63 cases not visited, Doctors attending).

### MUMPS.

Mumps is a disease which at times very adversely affects the attendance of children at school. 75 cases—compared with 31 in 1934—were reported during the year, 7 of which were found not to be Mumps. None of the cases were fatal.

### SCHOOLS.

The Report with regard to the medical inspection of School Children will be found in the Appendix to this Report.

Cases of infectious or suspected infectious disease occurring amongst the scholars are reported by the Director of Education. All these are visited, and a report on each sent to that official. Whenever there is a suspicion that diseases are being spread by means of any particular school, visits are paid to it, and children excluded where necessary.

The periods of exclusion of infected children and contacts were revised during the year in order to bring them into line with those recommended by the Board of Education.

## TUBERCULOSIS.

## REPORT OF Dr. F. C. MORGAN.

Clinics at which the Clinical Tuberculosis Officer attended were held as under :—

Mill Lane Dispensary.	Health Clinic, Oakenholt Rd.,
Mondays, 11 a.m. Adults	First and third Wednesday in
Tuesdays, 11 a.m. „	each month at 2 p.m.
Wednesdays, 6-15 to 7-30 p.m.	
Fridays, 11 a.m.	
Thursdays, 9-30 a.m. Children	

	1935	1934	1933
No. of persons attending the			
Dispensaries ...	920	860	781
„ Tuberculous cases on			
register Dec. 31st	386	384	359
„ persons diagnosed Mal-			
nutrition (children)	113	116	148
„ new cases ...	459	404	386
„ above diagnosed as			
suffering from Tuber-			
culosis ...	84 (18%)	85 (21%)	64 (17%)
„ cases sent by general			
practitioners (ex-			
cluding contacts)	174 (60%)	154 (59%)	(60%)
„ contacts ...	161	145	134

There has been a large increase in the number of persons attending the Dispensary; this increase corresponds with the extra number of new cases sent for diagnosis. It is gratifying to know that more cases are being sent, and that the actual number of new cases found to be suffering from Tuberculosis is no greater than in 1934.

## ATTENDANCES.

*Tuberculosis Cases and Suspects.**Malnutrition.*

	Mill Lane Dis. Wallasey.	Oakenholt Rd. Moreton.	Mill Lane Wallasey.	Oakenholt Rd Moreton.
Males	509	34	—	—
Females	462	43	—	—
Children	1,093	128	753	50
	2,064	205		

Total Tuberculosis attendances—2,269

Total Malnutrition ... 803

This shows an increase of 69 at Moreton Clinic over the year 1934

## CONTACTS.

The number of contacts was 161 (92 adults, 69 children) compared with 145 in 1934, and 134 in 1933.

*Of the Adults—*

	1935	1934	1933
No. of persons found to be suffering from Pulmonary Tuberculosis ... ..	20 (21.7%)	19 (26.7%)	(16%)
No. of persons found to be suffering from Non-Pulmonary Tuberculosis ...	3 (3.3%)	1 (1.3%)	2%
No. of cases diagnosed Non-Tuberculous ... ..	69 (75%)	54 (72%)	82%

*Of the Children—*

No. found to be suffering from Pulmonary Tuberculosis	Nil	2 (2.3%)	3%
No. found to be suffering from Non-Pulmonary Tuberculosis ... ..	2 (3%)	1 (1.7%)	3%
No. found to be suffering from Malnutrition ... ..	29 (42%)	39 (55%)	51%
No evidence of any disease	38 (55%)	29 (41%)	43%

The percentage of cases of Malnutrition among contacts is the lowest for many years. 25% of the adult contacts, and 3% of the children were found to be suffering from Tuberculosis. The examination of contacts is extremely important, and the new X-ray Apparatus which has recently been installed in the Dispensary has greatly facilitated this work. It is extremely gratifying to find that the number of adults (Contacts) attending for examination has increased from year to year.

## MALNUTRITION.

No. of Children on register January 1st, 1935	...	329
No. discharged during the year ... ..	...	111
Of those discharged :—		
Ceased to attend ... ..	67 (60%)	
Discharged Fit ... ..	21 (19%)	
Left the district ... ..	19 (17%)	
Died ... ..	1 (1%)	
Transferred to Tuberculosis Register	3 (3%)	

## SPUTUM.

No. of specimens examined for tubercle bacilli	497
No. found to contain tubercle bacilli ... ..	381



## DEATHS.

*Pulmonary Tuberculosis.*

	1935	1934	1933
No. of deaths ... ..	65	48	61
Death rate per 1,000 of population ...	0.67	0.49	0.62
Cases dead within two years of notification ... ..	38	31	33
Non-notified deaths ... ..	7	5	6

*Non-Pulmonary Tuberculosis.*

No. of deaths ... ..	6	14	12
Death-rate per 1,000 of population ...	0.06	0.14	0.12
Cases dead within two years of notification	5	4	—
Non-notified deaths ... ..	1	10	7

The deaths from Pulmonary Tuberculosis were 39 Males and 25 Females.

In Females 56% of the deaths occurred between the ages of 20 and 45—in Males 54% of the deaths occurred between the ages of 25 and 55.

The number of deaths from Pulmonary Tuberculosis has increased while that from Non-Pulmonary Tuberculosis has fallen by more than 50%.

## NOTIFICATIONS.

There were 81 Notifications (45 Males, 37 Females) of Pulmonary Tuberculosis, plus 6 transferred from other areas. This is 3 less than last year.

As regards age periods :—

66%	of the males notified were between the ages of	... 15-45
13%	„ „ „ „ „ „	... 15-20
75%	„ females „ „ „ „	... 20-45
11%	„ „ „ „ „ „	... 15-20

85 per cent. of those cases notified attended the Dispensaries, a large percentage of these attending before notification, having been referred by General Practitioners for opinion.

## NON-PULMONARY TUBERCULOSIS.

There were 22 notifications (12 males, 10 females) of Non-Pulmonary Tuberculosis, plus 3 cases transferred from other areas.

## CLASSIFICATION OF NON-PULMONARY TUBERCULOSIS.

Bones and Joints	...	5
Glands, neck	... ..	6
Intestines and Glands		
Abdomen	...	7
Meninges	... ..	2
Kidney	... ..	1
Skin	... ..	1

There were 4 cases less than in 1934. Abdominal Tuberculosis occupies the first place, and the number of cases was in excess of those in 1934, while Bones and Joint affection has decreased by 50%.

## SOURCE OF NOTIFICATIONS.

	Pulmonary		Non-Pulmonary	
	1935	1934	1935	1934
Notifications from General Practitioners	54%	69%	32	68%
Notifications from Tuberculosis Officer	36%	24%	14	5%
Notifications from other sources	10%	7%	54	27%

## OCCUPATIONS OF CASES NOTIFIED IN 1935.

Housewives	...	...	17	Electrician	...	...	1
Clerks	...	...	13	Apprentice Cabinet Maker			1
No occupation	...	...	10	Laundress (Seafaring)	...		1
Shop Assistants	...	...	5	Fishmonger	...	...	1
Domestics	...	...	3	Ferryhand	...	...	1
Scholars	...	...	3	Barmaid	...	...	1
Labourers	...	...	4	Waitress	...	...	1
Grocers	...	...	2	Musician	...	...	1
Printers	...	...	2	Night Watchman	...	...	1
Bricklayers	...	...	2	Insurance Agent	...	...	1
Engineers	...	...	2	Caretaker	...	...	1
Butchers	...	...	2	Aircraftsman	...	...	1
School Teacher	...	...	1	Welfare Superintendent	...		1
Welder	...	...	1				

## SANATORIA.

There are 22 beds in Mill Lane Sanatorium, chiefly for early cases for observation, a few beds being reserved for advanced cases, to remove infection from the home.

There are also 16 beds available for Wallasey cases at the Cheshire Joint Sanatorium near Market Drayton, Salop, for early cases and cases requiring operative treatment.

## MILL LANE SANATORIUM.

			Adults	Children	Total
Remaining January 1st, 1935	...	...	21	—	21
Admitted during 1935	...	...	33	1	34
Discharged	...	...	29	—	29
Fatal	...	...	8	—	8
Remaining December 31st, 1935	...	...	17	1	18

## RESULTS.

Patients discharged much improved	...	...	5 (17%)
„ „ improved	...	...	16 (55%)
„ „ no improvement	...	...	8 (28%)

Of the 29 Adults discharged :—

Working part time	...	...	...	4 (14%)
„ full time	...	...	...	1 (4%)
Unemployed but fit for work	...	...	...	3 (10%)
Unfit to work	...	...	...	9 (31%)
Transferred to Cheshire Joint Sanatorium	...	...	...	8 (27%)
Left the district or died	...	...	...	4 (14%)

## CHESHIRE JOINT SANATORIUM.

	Males	Females	Children	Total
Remaining January 1st, 1935	7	8	—	15
Admitted during 1935	8	11	1	20
Discharged „ „	7	12	—	19
Fatal „ „	—	—	—	—
Remaining December 31st, 1935	8	7	1	16

## RESULTS.

	Males.	Females
Working part time	1 (14%)	4 (33%)
Working constantly	3 (44%)	4 (33%)
Unemployed	2 (28%)	—
Unable to work	1 (14%)	2 (17%)
Left the district	—	2 (17%)

The cases sent to the Cheshire Joint Sanatorium are selected ones, being sent only after a careful survey in Mill Lane Sanatorium or at home.

A considerable number of very advanced and hopeless cases are taken into Mill Lane Sanatorium to relieve the home conditions. The beds in Mill Lane Sanatorium have been rather blocked during the year by the large number of advanced patients. Only 34 patients were admitted compared with 53 in 1934. A considerable number had therefore to be sent to Birkenhead Municipal Hospital.



The beds in Cheshire Joint Sanatorium have been constantly occupied. The number of patients admitted during the year is the same as in the previous year. A difficulty is constantly arising with regard to the allocation of beds to the sexes. Frequently there is a vacant female bed but no female patient suitable to fill it at that time, yet suitable male patients are waiting but there is no vacant male bed for them.

28% of the patients discharged from Mill Lane Sanatorium were working and fit to work.

66% of the Males discharged from Cheshire Joint Sanatorium were working and fit to work.

66% of the females discharged from the Cheshire Joint Sanatorium were working and fit to work.

#### BIRKENHEAD MUNICIPAL HOSPITAL—

In Hospital January 1st, 1935	...	...	...	...	10
Admitted during the year	...	...	...	...	35
Discharged during the year	...	...	...	...	28
Died in Institution	...	...	...	...	13
Remaining in December 31st	...	...	...	...	4

Of the 28 discharges :—

Working part time	...	...	...	...	...	3
Transferred to Mill Lane Sanatorium	...	...	...	...	...	11
Unfit for work	...	...	...	...	...	8
Left the district or died	...	...	...	...	...	4
At School	...	...	...	...	...	2

#### TREATMENT OF PULMONARY TUBERCULOSIS.

Rest for Febrile Cases.

Rest combined with graduated exercises for Afebrile cases.

#### ADDITIONAL TREATMENT.

##### 1. *Artificial Pneumothorax*.—

Males 13—5 are continuing treatment.

6 working constantly.

2 unemployed.

2 unfit for work.

1 transferred to Cheshire Joint Sanatorium.

1 since died.

1 in-patient Mill Lane Sanatorium.

Females 12—5 continuing treatment.

6 working constantly.

2 unfit for work.

1 transferred to Cheshire Joint Sanatorium.

2 in-patients Mill Lane Sanatorium.

1 since died.

Total number of refills during the year 272 (151 Males, 121 Females), this is 66 in excess of those in 1934.

2. *Gold Treatment*.—This is very useful in certain cases; an oily emulsion of the metal is injected deep into the muscles, at weekly intervals. 83 injections (46 Males, 37 Females) were given to 10 patients.

3. *Postural Drainage*.—The foot of the bed is raised, and the patient kept thus for varying periods once or twice a day. This had produced satisfactory results in certain cases by draining the purulent sputum from the lungs.

4. *Sand Bags*.—Linen Bags, containing 1—5-lbs. of sand are placed on the patient's chest for varying periods, keeping the part at rest.

#### AFTER CARE.

All patients after discharge from Sanatorium are kept under observation and receive frequent visits from the Health Visitor re Sanatorium regime. They are also encouraged to attend the Dispensary for observation, where instruction and advice are given. Cod Liver Oil and a pint of milk daily are supplied to necessitous cases for various periods under an arrangement with the Wallasey Invalid Children's Association, at the cost of the Local Authority.

#### HOUSING.

This is one of the greatest problems in the Anti-tuberculosis Campaign. All notified cases are visited by the Tuberculosis Nurse. Advice is given as to precautions to be taken to prevent the spread of infection. One very important enquiry made is that in regard to the sleeping accommodation.

48 (59%)	Notified Persons	were found to be occupying separate bed and room.
4 (5%)	„ „	were found to be occupying separate bed but sharing room.
23 (28%)	„ „	sharing bed with one or more persons.
5 (6%)	„ „	were not visited on request of Medical Practitioner.
1 (2%)	„ „	from County Asylum.

## X-RAY.

An up-to-date X-ray apparatus was installed in the Dispensary in March, and the work done is shown below :—

367 X-ray examinations were made compared with 90 in 1934.

66 more refills for Artificial Pneumothorax were done—a large number of these would have been discontinued without X-ray control.

32 Orthopaedic cases were examined.

## BLOOD SEDIMENTATION TESTS.

This is a valuable guide in assessing the results of treatment—  
84 Blood Specimens were tested.

## VISITS.

The number of visits paid in 1935 by the Dispensary Nurses and Health Visitors was 1824 (1,554 Mill Lane Dispensary, 270 Moreton).

These visits are of the utmost importance, as the advice which is given at home is more likely to be followed where unsatisfactory methods of living and the risks of spreading infection can be demonstrated. The increased number of adult contacts is due to the efforts of the Dispensary Nurses.

## CLERICAL.

The clerical working of the Dispensary has proceeded satisfactorily. Miss Hiatt, who had held the appointment of Dispensary Clerk, resigned in September and Miss Dawson was appointed to fill her place.

There is complete co-operation with the general Practitioners of the district. In addition to the 48 personal consultations and the 268 other various communications with the General Practitioners of the district, 295 personal visits were actually paid by Doctors with the object of discussing points in diagnosis and treatment of their cases.



Form T.137, 1935.

**PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.**

PART I.—Summary of Notifications during the period from the 1st of January to the 31st December, 1935.

Age Periods	Formal Notifications.												Total Noti- fications
	Number of Primary Notifications of new cases of tubercu- losis.												
	0	1	5	10	15	20	25	35	45	55	65	Total (all ages)	
Pulmonary Males .....	—	—	—	1	6	9	8	7	5	5	4	45	49
„ Females .....	—	1	—	—	4	7	11	8	3	2	—	36	42
Non-pulmonary Males .....	—	3	1	3	2	2	1	—	—	—	—	12	14
Non-Pulmonary Females .....	—	2	2	2	1	2	—	—	1	—	—	10	10

## PART II.

**SUPPLEMENTAL RETURN.**

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

Age Periods	0	1	5	10	15	20	25	35	45	55	65	Total
Pulmonary Males .....	—	—	—	—	—	—	2	4	—	2	—	8
„ Females .....	—	—	—	—	—	1	2	1	—	1	—	5
Non-Pulmonary Males .....	—	—	1	1	—	1	—	—	—	—	—	3
„ „ Females .....	—	—	—	—	1	—	—	—	—	—	—	1

Source or sources from which information as to the above-mentioned cases was obtained.

Source of Information.								No. of Cases.	
								Pulmonary	Non Pulmonary
Death Returns { from local Registrars ... .. transferable deaths from Registrar General ... ..								4	1
								2	—
Posthumous notifications ... ..								1	—
“ Transfers ” from other areas (other than transferable deaths) ... ..								6	3
Other Sources if any (specify) ... ..								—	—

## PART III.

**NOTIFICATION REGISTER.**

	Pulmonary			Non-Pulmonary			Total Cases
	Males	Females	Total	Males	Females	Total	
Number of cases of Tuberculosis remaining at the 31st December, 1935, on the Register of Notifications kept	309	241	550	92	72	164	714
Number of cases removed from the Register (s) during the year by reason <i>inter alia</i> of :							
1. Withdrawal of notification ... ..	11	17	28	7	—	7	35
2. Recovery from the disease ... ..	5	9	14	8	1	9	23
3. Death ... ..	45	27	72	5	1	6	78

# **VENEREAL DISEASES.**

## **REPORT OF DR. F. C. MORGAN.**

The Venereal Diseases Medical Officer attends the following Clinics at Mill Lane Dispensary :—

Mondays ... ... Females, 5-30 p.m. to 6-30 p.m.  
 Wednesdays ... Males, 7-45 p.m. to 8-30 p.m.

Irrigation daily between 6 and 7 p.m. (Saturdays 5 to 6 p.m.) Special arrangements are made to suit cases that cannot attend at the appointed hours. A number irrigate at home after instruction. Free treatment is given at all Clinics. An up-to-date Treatment Centre in the new Dispensary opened in June, 1934, replaced the Centre used for several years in the old and unsatisfactory Dispensary building.

The number of new cases for 1935 was 80—a decrease of 18 as compared with 1934. 34 of these were found not to be Venereal.

After deducting the non-venereal cases the number of definite cases was 46. This is the smallest number on record for many years.

The attendances were :—

			1935	1934	1933	1932
Males	...	...	1,934	2,804	2,552	2,688
Females	...	...	324	306	207	210

The continued increase in attendances by females is most satisfactory. The fewer attendances by males is due to the suspension of irrigation as a temporary experiment in the mode of treatment.

The following are particulars of the 46 definite cases of V.D.

			Syphilis	Gonorrhoea	Chancre
Males	...	...	9	24	1
Females	...	...	6	6	—

123 Gonorrhoeal specimens were examined at the Laboratory, Mill Lane Dispensary compared with 165 in 1934.

72 specimens of blood were sent from the Clinic for Wassermann Re-action.

Information has always been sought for and advice given to patients proceeding to other areas re hours and places of attendance.

## **Return of Wallasey residents treated in Liverpool, Birkenhead and other areas during the year.**

				B'head	L'pool	Total
Syphilis	...	...	...	5	6	11
Chancre	...	...	...	—	7	7
Gonorrhoea	...	...	...	14	36	50
Conditions other than Venereal				3	18	21
				—	—	—
				22	67	89
Total attendances of all cases ...				727	2,405	3,132
In-patients ...				—	99	99



**RETURN** relating to all persons who were treated at the Treatment Centre at Wallasey, during the year ended the 31st December, 1935.

[illegible]



	Under 1 year		1 and under 5 years		5 and under 15 years		15 yrs. and over		Totals	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Number of cases of congenital syphilis in Item 3 above classified according to age periods ...	—	—	—	—	—	1	—	—	—	1

Chief preparations used in treatment of Syphilis :— (a) Names of preparations ... (b) Total number of injections given (out-patients and in-patients) ... (c) Number of injections included in (b) given to patients who on first attendance at this Centre were suffering from primary and secondary syphilis ...	Arsenobenzene Compounds		Mercury	Bismuth
	Stabilarsan Neokharsivan Kharsulphan		Hydrarg. Cret.	Bisoxyl (B.D.H.) Bisoxychloride (B.W.& Co.)
	47		—	85
	—		—	—

Are the tests recommended in Memo. V21 as amended by Memo. V21a followed in deciding as to the discharge of the patient after treatment and observation for syphilis and gonorrhoea ?... If not, in what way are they modified ?	Yes.
---	------

	Microscopical		Serum Tests		
	for spirochetes	for gonococci	Wasserman	Others for Syphilis	for Gonorrhoea
Microbiological Work :— (a) Number of specimens examined at and by the medical officer of the treatment centre ... (b) Number of specimens from patients attending at the centre sent for examination to an approved laboratory ...	6	123	—	—	—
	—	—	72	—	—

STATEMENT showing the services rendered at the Treatment Centre during the year, classified according to the areas in which the patients resided.

Area of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings	Wallasey	B'head.	Liverpool.	Cheshire.	Preston.				TOTAL.
Number of cases in Item 3 from each area found to be suffering from :—									
Syphilis ...	11	—	1	1	1	—	—	—	14
Soft Chancre ...	1	—	—	—	—	—	—	—	1
Gonorrhoea ...	28	2	—	—	—	—	—	—	30
Conditions other than venereal ...	31	2	—	1	—	—	—	—	34
Total ...	71	4	1	2	1	—	—	—	79
Total number of attendances of all patients residing in each area ...	2211	8	5	30	4	—	—	—	2258
Aggregate number of "In-patient days" of all patients residing in each area ...	—	—	—	—	—	—	—	—	—
Number of doses of arsenobenzene compounds given in the out-patient Clinic and In-patient Department to patients residing in each area ...	24	—	5	18	—	—	—	—	47

Form 2.  
**ANNUAL RETURN FROM PATHOLOGICAL LABORATORIES**  
**YEAR 1935.**

Nature of Test.				
		No. of Tests.	Fee per Test.	Cost.
For detection of Spirochetes...	For Treatment Centre .....	—	s. d. — —	£ s. d. — —
		—	—	—
		—	—	—
	For Practitioners	—	—	—
For detection of Gonococci ...	For Treatment Centre .....	—	} —	—
	For Practitioners	1	} 3 6	3 6
For Wassermann reaction .....	For Treatment Centre .....	72	} 5 0	18 0 0
	For Practitioners	102	} 5 0	25 10 0
Other	For Treatment Centre	—	Nil	—
	For Practitioners	—	Nil	—
	Totals .....	175		43 13 6

## LABORATORY WORK.

The arrangements for carrying out the bacteriological work in the Borough are :—

1. Simple throat swabs in connection with Diphtheria cases, specimens of sputum in connection with Phthisis cases, and various discharges in connection with Venereal Disease are examined at our own Laboratory, Mill Lane Dispensary.

Particulars in regard to these are :—

<i>Specimens Examined.</i>			<i>Number found to contain</i>		
Sputum	...	497	Tubercle Bacilli	...	381
Throat Swabs	...	1857	Diphtheria Bacilli	...	201
Venereal	...	129	Gonococci	...	58

The Throat swabs have increased by 883 over the number in 1934, and 1,347 over the number in 1933. The number of sputum and Venereal specimens are about the same as in 1934.

2. Arrangements are also made whereby blood specimens in connection with Venereal Disease are sent to Liverpool University Laboratories for examination, 72 such specimens were sent.



**BLIND PERSONS ACT, 1920.**

Until March 31st, 1930, the Welfare of Blind Persons in Wallasey, with the exception of those coming under the supervision of the Education Committee, was, under an arrangement made with the Liverpool Workshops for the Blind following the passing of the above named Act, looked after by their Home Teaching Society, a grant of £10 per person per annum being paid to the Liverpool Workshops for this purpose. As and from April 1st, of that year, that duty was taken over by the Corporation, the Blind Persons Act Sub-Committee of the Health Committee being made responsible for the work.

Schemes whereby necessitous blind persons receive financial assistance up to a maximum of 27/6d. per week (Husband and wife, both blind, receive up to 42/- per week), have since been in force, being administered by the Public Health Department.

Arrangements have also been made under which the Liverpool Workshops for the Blind train Wallasey blind persons and also look after the interests of approved Home Workers, grants of £50 and £40 respectively per annum being made for that purpose.

Difficulty has been experienced for some years in getting Wallasey trainees admitted to the Workshops, and consideration has been given during the year to the question of ways and means for securing the teaching of crafts to suitable blind persons. This question is still under consideration.

A further question that calls for consideration is that of craft training given to blind children while at School. In several cases it has been found that the trades taught are of little or no use to enable them to find employment in competition with sighted workers, more especially having regard to modern conditions of employment.

## REGISTRATION OF BLIND PERSONS.

	M.	F.	Totals
No. on Register at January 1st	81	79	160
No. added during the year :			
New Cases ... ..	8	9	17
Transfers from other towns	2	3	5
Re-certified persons previously de- certified ... ..	1	—	1
	23		
Totals ...	92	91	183
No. of Removals from Register owing to :—			
Leaving Wallasey ... ..	5	2	7
Death ... ..	1	7	8
De-certification (see above) ...	1	—	1
Other Causes (unknown address)	—	1	1
	17		
Totals ...	7	10	17
No. on Register at December 31st ...	85	81	166
No. of these under 16 years of age ...	4	3	7
Of whom are in (a) Schools for the Blind ...	3	3	6
(b) Other institutions ...	1	—	1
No. of Adults in (a) Schools for the Blind	—	—	—
(b) in College ... ..	—	—	—
(c) in Liverpool Work- shops for Blind ...	3	1	4
No. of Approved Home-Workers ... ..	1	—	1
No. of trained but unemployed workers at December 31st ... ..	7	1	8

The five persons above referred to as inward transfers all came from Liverpool.

## SUMMARY OF HOME TEACHER'S WORK.

Routine Visits paid during the year	...	...	...	...	2,001
Special	„	„	„	...	7
Visits re applications for registration and/or financial assistance					25
Teaching of Braille	...	...	...	...	69
„ Moon type	...	...	...	...	2
„ Manual Alphabet	...	...	...	...	0
„ Knitting	...	...	...	...	5
„ Straw Basket making	...	...	...	...	5
Supervision of Homework	...	...	...	...	39
Liverpool Workshops	...	...	...	...	7
re Social Welfare	...	...	...	...	23
To Conferences, meetings, etc.	...	...	...	...	2
Readings to blind persons	...	...	...	...	11
Sighted letters written for blind persons				...	43

## FINANCIAL ASSISTANCE.

No. receiving assistance at January 1st	...	...	...	103
„ added during the year	...	...	...	22
				125
„ discontinued during the year	...	...	...	13
„ receiving assistance at December 31st	...	...	...	112
Amount disbursed by way of allowances, January to				
December	...	...	...	£4,425 4 8d.
<i>(Compared with £3,703 0 8d. previous year).</i>				
Income from sale of goods	...	...	...	£6 19 10d.

Under an arrangement authorised by the Ministry of Health, the Corporation make an annual grant of £21 to the National Institute for the Blind, and £14 to the North-Western Counties Association for the Blind, of which latter Association the Corporation is a Constituent Member.

## PREVENTION OF BLINDNESS.

Facilities for the treatment of eye diseases in the Borough appear to be reasonably adequate. Each of the local Hospitals has an Ophthalmic Surgeon on its staff.

Blindness in infants is largely prevented, owing, in a great measure, to the working of the Ophthalmia Neonatorum (Notification) Regulations. Cases reported are visited by one or other of the Health Visitors for douching purposes, such visits being arranged in conjunction with the doctors in attendance.



## FREE WIRELESS LICENCES.

Under the Wireless Telegraphy (Blind Persons Facilities) Act, 1926, blind persons are entitled to free wireless licences on production of a certificate from the Local Authority that such persons are registered in the area of the Local Authority and are not resident in a public or charitable institution or in a school. 15 such Certificates were issued during the past year.

## FREE TRAVEL FACILITIES.

In October, 1930, an arrangement was come to with the Liverpool, Birkenhead and Wallasey Corporations, under which the free travel passes issued by any one of these Authorities would be available for use by blind persons on the trams and buses of the other Authorities. The Wallasey and Birkenhead Corporations also allow free travel on their ferry steamers.

## MEDICAL EXAMINATION.

Applicants for registration or for financial assistance under the Corporation's Scheme, unless known to be already certified blind, are, as a routine referred to Dr. H. R. Bickerton for examination and report. The following is his report on the cases so referred to him during the year :—

*CAUSES OF BLINDNESS AS FOUND BY AN  
EXAMINATION OF PERSONS IN WALLASEY  
APPLYING FOR HELP UNDER THE BLIND  
PERSONS ACT.*

*During the 12 months ending December 31st, 1935, twenty-six people were examined for the purpose of this Report. Sixteen of these, seven men and nine women, were found to be blind, while ten could not be certified.*

<i>Cataract</i>	...	...	...	...	...	...	2
<i>Glaucoma</i>	...	...	...	...	...	...	4
<i>Irido-Cyclitis</i>	...	...	...	...	...	...	3
<i>Myopia, High without detachment</i>				...	...	...	4
<i>Optic Atrophy—? cause</i>	...	...	...	...	...	...	1
<i>Vascular Disease</i>	...	...	...	...	...	...	2
<i>Arterio-sclerotic and Diabetic Retinitis</i>					...	...	
<hr/>							
<i>Total Blind</i>	...	...	...	...	...	...	16

*The two cases of Senile Cataract are unlikely to have useful sight restored by operative interference. One patient has already had one lens removed but complications set in and the eye was lost; the other case is associated with Diabetes and a very poor general condition.*

*Five eyes were lost as a result of Irido-cyclitis, while the sixth eye in this group was defective from a high myopic defect, which was not corrected by glasses in infancy.*

*It is satisfactory to note that none of the twenty-six people, who were referred to me during the year, lost an eye as a result of Syphilis. Although no case appears under the heading of Accidents, two people, who were not certified, each lost one eye from CASUAL Accidents.*

*Little can be done to prevent casual accidents except by the general education of the public, for one eye would not have been lost if the man concerned had not been moving about in a dark room. Another potential source of danger is that of leaving about sharp pointed scissors where there are young children.*

### MENTAL DEFICIENCY ACTS.

#### REGISTRATION.

The number of Mentally defective persons on our Register, excluding children being dealt with under the Education Committee, at January 1st was 133 (68 males, 65 females). The number at December 31st was 163 (83 males, 80 females). The increased ascertainment is due not only to several new cases coming to our knowledge through various channels, including the Education Department, but to the addition to the Register of a number of persons in Birkenhead Municipal Hospital who had been in that Institution in certain instances for many years, as "Mentally defective," and who were definitely reported after examination during the year by the Medical Superintendent as coming within the definitions of the Mental Deficiency Acts.

The number of visits paid during the year to Mentally defective persons was 468.

The following information is supplied at the request of the  
BOARD OF CONTROL.

#### Particulars of Mental Defectives as on 1st January, 1936.

(A) "Subject to be dealt with" by the Local Authority;

Number of mental defectives ascertained to be "Subject to be dealt with" :—

1. Under“ Order ” :—		M.	F.	T.
(a) (1) In Institutions (excl. cases on Licence)—				
	Under 16 years of age	3	1	4
	Aged 16 yrs. and over	28	30	58
(2) On Licence from Insti- tutions (excl. Holiday leave)	Under 16 years of age	—	—	—
	Aged 16 yrs. and over	3	—	3
(b) (1) Under Guardianship (excl. cases on Licence)	Under 16 years of age	—	—	—
	Aged 16 yrs. and over	9	12	21
(2) On Licence from Guardianship (excl. Holiday Leave)	Under 16 years of age	—	—	—
	Aged 16 yrs. and over	—	—	—



2. In " places of safety "	Under 16 years of age	—	—	—
	Aged 16 yrs. and over	—	—	—
3. Under Statutory Supervision	... ..	7	3	10
(Three of whom (males) awaiting removal to an Institution)				
4. ACTION NOT YET TAKEN under any one of the above headings but still to be regarded as " subject to be dealt with ":				
(a) <i>Notified</i> by Local Education Authorities(Sec. 2 (2) )		1	—	1
(excl. F.M.'s reported on attaining 16 years or imbeciles, etc. on attaining 7 years).				
(b) Mental Defectives in receipt of Poor Relief :—				
(a) In Public Assistance Institutions and Municipal General Hospitals not approved under Sec. 37	... ..	6	15	21
(b) In Institutions certified (1) Cases				
(1) Institutional	<div> <div>under the M.D. Acts (including those approved under Sec. 37)</div> <div> <div>" placed " under Sec. 3</div> <div>(2) Other cases</div> </div> </div>	—	—	—
(2) Domiciliary	... ..	—	—	—
(c) Otherwise " ascertained "	... ..	—	—	—
B. Mental Defectives not at present " subject to be dealt with " but for whom the Local Authority may subsequently become liable :—		M.	F.	T.
1. In Institutions or under Guardianship, dealt with under Sec. 3 :—				
(a) In regard to whom the Local Authority contributes under its permissive powers	... ..	—	—	—
(b) Maintained wholly by parents, relatives or others		—	—	—
2. Reported to the Local Authority from any reliable source and recognised by them as mentally defective but as to whom no action under the Mental Deficiency Acts has been taken :—	... ..			
(a) Children between the ages of 14 and 16 years		—	—	—
Of whom, number, if any, under Voluntary Supervision	... ..	—	—	—
(b) All other cases	... ..	26	19	45
All of whom, number are under Voluntary Supervision	... ..			



Number of above cases on the Registers of Occupation and Industrial Centres :—

Under Statutory Supervision	...	...	} No occupa- tion or Indus- trial centres.
Under Voluntary Supervision	...	...	
On Licence from Institutions	...	...	
Under Guardianship	...	...	
On Licence from Guardianship	...	...	

#### LICENCES GRANTED.

Number of instances in which Licence was granted during 1935 (excl. holiday leave) :—

					M.	F.	T.
A.	{ (1) From Institutions	...	...	...	3	—	3
	{ (2) From Guardianship	...	...	...	—	1	1

Number of instances in which cases on Licence have been returned to Institutions or transferred to Guardianship during the year :—

B	{ (1) To Institutions	...	...	...	—	—	—
	{ (2) To Guardianship	...	...	...	—	—	—

#### CASES NOTIFIED BY LOCAL EDUCATION AUTHORITIES (SECTION 2 (2) ) DURING THE YEAR

(excl. F.M.'s on attaining 16 years and Imbeciles, etc. on attaining 7 years)

Method of disposal—					M.	F.	T.
Sent to Institutions (by Order)	...	...	...	...	1	—	1
Placed under Guardianship (by Order)	...	...	...	...	—	—	—
Placed under Statutory Supervision	...	...	...	...	1	—	1
Placed in " Places of Safety "	...	...	...	...	—	—	—
Died or removed from Area	...	...	...	...	—	—	—
Action not yet taken							
(a) In receipt of Poor Relief	...	...	...	...	—	—	—
(b) Others	...	...	...	...	1	—	1
Total	...	...	...	...	3	—	3

3. Of the total number of mental defectives known to the Local Authority—

(a) Number who have given birth to children during 1935 :—

(1) After marriage—0.

(2) While unmarried—0.

(b) Number who have married during 1935

Males. Females.  
— —

The following is a list of Institutions in which Wallasey mentally defective persons were accommodated at the end of the year, and the number of such persons in each, admitted "Under Order."

#### CASES IN INSTITUTIONS.

			M.	F.
Allerton Park R.C. Special School	...	...	—	1
Ashton House, Birkenhead	...	...	—	4
*Birkenhead Municipal Hospital	...	...	8	—
Caersws Institution, North Wales	...	...	2	—
Chester Public Assistance Institution	...	...	—	5
Cranage Hall, near Northwich	...	...	—	7
Etloe House, Leyton	...	...	—	1
Forden Institution, North Wales	...	...	1	1
Gillibrand Hall, near Chorley	...	...	—	1
Mary Dendy Home, Sandlebridge	...	...	2	—
Monkton Hall	...	...	1	—
Rock Hall House, Combe Down, Bath	...	...	—	2
Royal Albert Institution, Lancaster	...	...	11	1
St. Raphael's Home, Barvin Park	...	...	1	—
Stoke Park Colony, near Bristol	...	...	5	—
Whittington Hall, Chesterfield	...	...	—	8
			—	—
			31	31- <sup>*</sup> 62
			—	—

\* In addition to the numbers shown as in Birkenhead Municipal Hospital there were 6 M. and 15 F. in that portion of the Institution "Not approved under Section 37 of the Mental Deficiency Act, 1913."

#### CRANAGE HALL.

Wallasey is one of the Constituent Members of a Joint Committee consisting of Birkenhead, Chester County, Chester City and Wallasey, formed for the purpose of providing accommodation for cases of mental deficiency.

A building has been in use as temporary premises at Cranage Hall, near Northwich, pending the erection of a large permanent Institution. The Hall was first available for use in August, 1932. High grade cases only are admitted at present. The number of beds allocated to Wallasey at the moment is eight.

Extensions have been in progress for some time. These are not expected to be completed until the summer of 1936, when the number of beds for Wallasey cases will be increased in proportion to the accommodation then available.

### MEDICAL EXAMINATION OF EMPLOYEES.

The number of employees examined during the year, at the request of the various Departments, was 83, (71 males, 12 females), compared with 23 in the previous year (14 males, 9 females). The Departments concerned were :—

Town Clerk's...	...	...	...	...	1
Public Assistance	...	...	...	...	12
Borough Treasurer's	...	...	...	...	13
Borough Engineer and Surveyor's	...	...	...	...	10
Baths...	...	...	...	...	2
Cleansing	...	...	...	...	1
Parks	...	...	...	...	2
Public Health	...	...	...	...	4
Education	...	...	...	...	2
Motor Bus	...	...	...	...	30
Gas and Water	...	...	...	...	2
Libraries	...	...	...	...	4
					—
					83
					—

### HOUSING ACTS.

#### MUNICIPAL HOUSING SCHEMES.

Since the passing of the 1919 Act, the Corporation have developed eleven Housing Schemes, particulars of which were set out on P. 138 of the Report for 1930. The following are the figures for 1935, as kindly supplied by the Borough Engineer and Surveyor.

No.	Under Act. of	Situation.	No. of houses completed during 1935					No. in course of erection at December 31st, 1935				
			Non-parlour 2 bedrooms	Non-parlour 3 bedrooms	Parlour 3 bedrooms	Flats, non-parlour 1 bedrooms	Flats, non-parlour 2 bedrooms	Non-parlour 2 bedrooms	Non-parlour 3 bedrooms	Parlour 3 bedrooms	Flats, Non-parlour 1 bedroom	
11 10	1930	Mersey Street Area	—	72	—	—	—	—	—	—	—	
	„	Pasture Road Site	10	18	—	16	8	—	—	—	—	
			10	90	—	16	8	—	—	—	—	



## RENTS CHARGED DURING 1935.

	Exclusive of Rates.	Inclusive of Rates.
Type A2 (non-parlour, 2 bedrooms) ...	8/6	11/9
do. do. (Oakdale Rd.)	7/- and 8/6	9/7 and 11/1
do. do. (Pasture Rd.)	7/7	9/11
Type A3 (non-parlour, 3 bedrooms) ...	10/-	14/1
do. do. (Oakdale Rd.)	8/6 to 10/-	11/9 to 13/6
do. do. (Pasture Rd.)	8/8 to 9/6	11/3 to 13/-
do. do. (Reeds Lane)	11/-	14/8
Type B3 (parlour, 3 bedrooms) ...	12/-	16/7
Flat (non-parlour, 2 bedrooms)...	7/-	9/4
Flat (non-parlour, 3 bedrooms) ...	8/6	11/9
Bungalow (non-parlour, 3 bedrooms) ...	8/10	11/8

N.B.—Rents of houses built under 1930 Act are subject to rebates according to Tenants' circumstances.



## INHABITED HOUSES.

The following Table shows the number of INHABITED HOUSES in the Borough at the end of each year since 1911 (from figures supplied by the Borough Treasurer) :—

Year	Totals.	Increase on previous year.	Year.	Totals.	Increase on previous year.	De- crease
1911	16,957	715	1923	19,841	188	—
1912	17,522	565	1924	20,420	579	—
1913	17,936	414	1925	20,765	345	—
1914	18,476	540	1926	21,242	477	—
1915	18,918	442	1927	21,675	433	—
1916	18,950	32	1928	24,734	3059	—
1917	19,186	136	1929	24,459	—	275
1918	19,246	60	1930	24,486	27	—
1919	19,289	43	1931	24,861	375	—
1920	19,350	61	1932	25,014	154	—
1921	19,503	153	1933	24,795	—	219
1922	19,653	150	1934	24,985	190	—
			1935	25,474	489	—

(Decreases due to increased number of empty houses generally, and to reduction in the number of premises occupied in added areas).

## EMPTY HOUSES.

The number of Empty Houses at December 31st, of each of the past six years (as per Borough Treasurer's figures) was :—

1929—626
1930—708
1931—614
1932—546
1933—620
1934—647
1935—844

## UNFIT DWELLING HOUSES.

1. *Inspection of Dwelling Houses during the Year.*

1 (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	...	...	10,870
(b) Number of inspections made for the purpose	...						21,333
2 (a) Number of dwelling houses (included in sub-head (1) above) and recorded under the Housing Consolidated Regulations, 1925...	...	...	...	...			689
(b) Number of inspections made for the purpose	...						689



2. <i>Remedy of defects during the year without service of formal Notices :—</i>	
Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers...	2,438
3. <i>Action under Statutory Powers during the year :—</i>	
(a)—Proceedings under Sections 17, 18 and 23, of the Housing Act, 1930 :—	
(1) Number of dwelling houses in respect of which notices were served requiring repairs ...	52
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) by owners (including 13 from 1934) ...	47
(b) by Local Authority in default of owners ...	—
(c) outstanding at December 31st, 1935 ...	18
(b)—Proceedings under Public Health Acts :—	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	606
(2) Number of dwelling houses in which defects were remedied after service of formal notices—	
(a) by owners (including 21 outstanding at Jan. 1st, 1935) ...	597
(b) by Local Authority in default of owners ...	—
(c) outstanding at December 31st, 1935 ...	30
(c)—Proceedings under sections 19 and 21 of the Housing Acts, 1930—	
(1) Number of dwelling houses in respect of which Demolition Orders were made (9 outstanding at 1st January 1935) ...	—
(2) Number of dwelling houses demolished in pursuance of Demolition Orders (2 outstanding at end of 1935)	19
(d)—Proceedings under Section 20 of the Housing Act, 1930—	
(1) Number of separate tenements or under-ground rooms in respect of which Closing Orders were made	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit.	—

### HOUSING ACTS, 1925 and 1930.

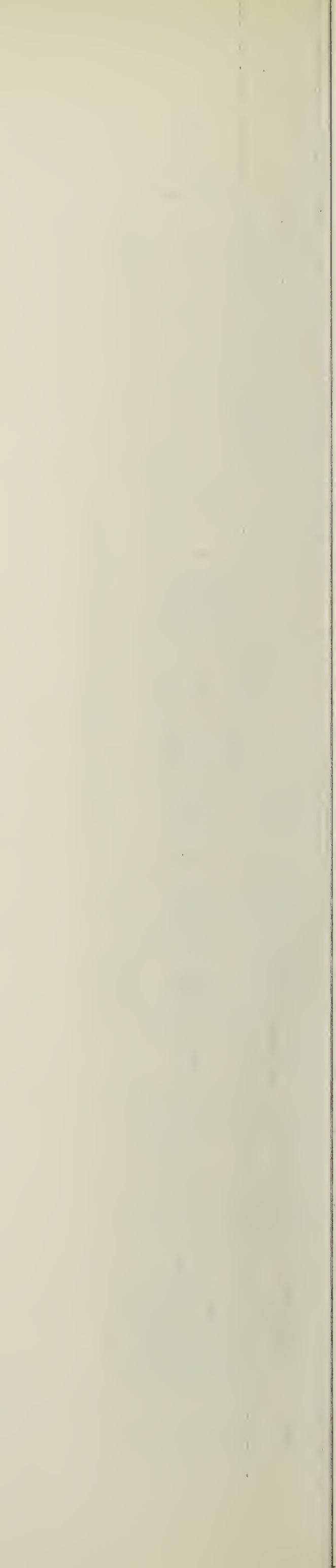
#### Clearance Areas.

Six Clearance Areas, Nos. 54 to 59, were dealt with under Section 1, Part 1, of the Housing Act, 1930, during the year, particulars of which are as under.

# HOUSING ACTS, 1925 and 1930.

## CLEARANCE AREAS DEALT WITH UNDER SECTION 1. PART 1, OF THE HOUSING ACT, 1930, to DECEMBER 31st, 1935.

Area No.	Approximate Situation.	Houses or structures affected	Persons to be displaced	Persons to be re-housed	Council's Resolution declaring Area	Date of Council's Clearance Order	Date of Public Enquiry	MINISTRY'S ORDERS			Order Operative within
								Confirming	Modifying	Not Confirming	
54	Church Lane	2	9	136	4th July 1935	3rd October 1935	12th Nov. 1935	84624 No. 54	—	—	28 days
55	Little Street	3	12					84193 No. 55	—	—	
56	Hawthorn Cottages Christian's Field, Acton Lane	5	19					84625 No. 56	—	—	
57		5	23					84626 No. 57	84626 No. 57	—	
58	Alfred Road	12	71	9	3rd Oct. 1935	31st Oct. 1935	Declared by Corporation (owners of the property).	Result pending			
59	Wallasey Village	3	9								





## HOUSES OCCUPIED AFTER DEMOLITION AND CLEARANCE ORDERS HAD BECOME OPERATIVE.

Three cases occurred during the year of houses being occupied after Demolition or Clearance Orders made under the Housing Act of 1930 had become operative. In all instances proceedings were taken and orders to vacate were made. In one instance it was necessary to take proceedings on two occasions.

### **SURVEY re OVERCROWDING.**

On the recommendation of the Estates and Housing Committee a Survey was made during the summer of 1934 with the object of ascertaining the extent of overcrowding in certain parts of the Borough. The enquiries then made related to three wards only—North Seacombe, South Seacombe, and South Egremont, as being likely to give a fair indication of the extent of the overcrowding, and were based on the then standard of the Ministry of Health. A Summary of the information was included in my Annual Report for 1934.

Following the passing of the Housing Act, 1935, enquiries on lines laid down in that Act were resumed, but over a much wider area. A Summary of the information obtained is included in this Report.

### **HOUSING ACT, 1935.**

This Act, which was passed on the 2nd August, imposed on Local Authorities the duty of causing an inspection to be made with a view to ascertaining what dwelling houses were overcrowded in their areas and to report to the Minister of Health the result of such inspection as well as giving an estimate of the number of new houses required in order to abate the overcrowding discovered. "Overcrowding" was defined under Section 2 (1): A dwelling house shall be deemed for the purposes of this Act to be overcrowded at any time when the number of persons sleeping in the house either—

- (a) is such that any two of those persons, being persons ten years old or more of opposite sexes and not being persons living together as husband and wife, must sleep in the same room; or
- (b) is in relation to the number and floor area of the rooms of which the house consists, in excess of the permitted number of persons as defined in the First Schedule to this Act.

Section 12 defines "Dwellinghouse" as "any premises used as a separate dwelling by members of the working classes or of a type suitable for such use."

In determining for the purposes of this Section, the number of persons sleeping in a house no account shall be taken of a child under one year old, and a child who has attained one year and is under ten years old shall be reckoned as one half of a unit.

An exhaustive enquiry was begun in Wallasey, in November, continuing until April of 1936. The figures and graph which follow summarise the results obtained.

Ward.	Over-crowded Dwell-ings.	No. of Council Houses included in Col.	Un-crowded Dwell-ings.	Total Dwell-ings Sur-veyed.	Per-centage of over-crowded Houses. <i>per cent.</i>
	(a)	(a)	(b)		
New Brighton ...	6	—	1135	1141	.52
Upper Brighton ...	8	—	940	948	.84
North Liscard ...	4	—	582	586	.68
South Liscard ...	11	—	990	1001	1.09
North Egremont ...	14	—	985	999	1.41
South Egremont ...	29	—	1236	1265	2.29
North Seacombe ...	38	7	1500	1538	2.46
South Seacombe ...	37	11	1622	1659	2.29
Somerville ...	36	12	1696	1732	2.07
Poulton ...	45	25	1410	1455	3.16
Marlowe ...	13	—	598	611	2.29
St. Hilary ...	2	—	647	649	.308
Warren ...	—	—	124	124	—
Wallasey... ..	6	—	448	454	1.32
Leasowe ...	61	52	961	1022	5.96
Moreton ...	31	—	873	904	3.42
Saughall Massie ...	8	—	112	120	6.66
Totals ...	349	107	15859	16208	2.153



OVERCROWDING SURVEY.

Number of "Persons" in Family.	No of families containing the number of persons in the first column occupying dwellings with the permitted number shown at the head of this column.																																TOTALS.							
	½	1	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16	16½	17½	19	20½	22	A	B	Totals
																																						Overcrowded	Uncrowded	
1	14	13	547	195	205	7	5	196	11	10	6	181	2	5	2	139	3	2	56	—	—	22	—	—	—	4	—	—	3	—	—	1	—	—	2	—	—	14	1527	1541
1½	1	—	—	8	13	—	—	4	1	—	1	12	1	—	—	3	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	44	45	
2	1	4	6	93	468	15	27	468	19	19	7	1116	7	5	8	885	6	5	238	3	1	136	1	1	—	24	—	—	15	—	—	2	1	—	—	—	11	3570	3581	
2½	1	1	1	26	12	15	24	323	9	9	7	511	2	3	—	333	1	1	66	—	—	23	—	—	—	2	—	—	—	—	—	1	—	—	—	—	29	1342	1371	
3	—	—	4	14	3	7	6	402	34	12	7	1094	6	6	4	1099	2	3	332	5	1	162	—	3	1	35	—	—	18	—	—	6	—	1	3	1	—	21	3250	3271
3½	—	—	—	4	1	—	2	99	8	5	3	337	1	1	2	319	2	2	54	—	—	27	—	—	—	5	—	—	2	—	—	1	—	—	—	—	5	870	875	
4	—	—	—	4	2	6	6	18	28	25	17	756	10	5	3	818	4	5	226	4	4	152	1	1	—	25	—	—	16	—	—	2	—	1	3	—	1	18	2125	2143
4½	—	1	—	2	—	2	2	3	8	6	4	232	4	—	6	231	2	2	43	1	—	37	—	—	—	3	—	—	4	1	—	1	—	1	—	—	10	586	596	
5	—	—	—	2	—	1	—	7	14	8	11	372	5	2	3	491	2	3	123	4	—	101	3	4	1	24	—	—	12	—	—	3	1	4	1	—	24	1178	1202	
5½	—	—	1	—	1	—	—	—	4	10	6	131	3	3	2	131	1	—	40	—	—	30	—	—	—	6	—	—	1	—	—	1	—	—	—	16	355	371		
6	—	—	—	—	—	—	1	3	2	10	13	24	18	22	26	241	2	1	73	4	—	59	—	1	—	12	—	1	5	—	1	1	—	—	—	29	491	520		
6½	—	—	—	—	1	2	1	—	1	4	13	16	8	14	6	75	3	1	17	1	—	14	—	—	—	2	—	—	1	—	—	1	—	1	—	38	144	182		
7	—	—	—	—	1	—	—	—	2	6	6	19	18	12	7	95	6	3	35	2	—	24	—	—	—	6	—	2	2	—	—	1	—	2	1	—	52	198	250	
7½	—	—	—	—	—	—	—	—	—	1	5	7	5	2	2	32	3	5	12	1	—	20	—	—	—	3	—	—	—	—	—	—	—	—	1	—	20	79	99	
8	—	—	—	—	—	—	—	—	—	—	2	6	4	5	4	8	6	5	14	1	—	12	—	—	—	6	—	1	4	—	—	2	—	—	—	21	59	80		
8½	—	—	—	—	—	—	—	—	—	—	1	3	2	1	1	2	2	1	1	1	1	6	—	—	—	1	—	—	—	—	—	—	—	—	—	10	13	23		
9	—	—	—	—	—	—	—	—	1	—	—	3	3	1	3	2	2	1	4	—	—	10	—	—	—	—	—	—	2	—	—	1	—	—	15	18	33			
9½	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	2	—	—	—	—	2	—	—	—	2	—	—	1	—	—	—	—	—	3	5	8			
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	5	4	9			
10½	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2			
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	3			
11½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
12½	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
13½	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
Totals																																				349	15859	16208		





## FOOD and DRUGS INSPECTION.

## SALE OF FOOD (ADULTERATION) ACT, 1928.

The following is a Summary of the Samples submitted to the Public Analyst during the year :—

Name of Sample					No. of samples analysed.	No. of samples genuine.	No. of samples certified Adulterated.
Milk	...	...	...	...	181	164	17
Butter	...	...	...	...	37	37	—
Lard	...	...	...	...	26	26	—
Coffee	...	...	...	...	22	21	1
Cheese	...	...	...	...	21	21	—
Cocoa	...	...	...	...	2	2	—
Ground Ginger	...	...	...	...	6	6	—
Jam	...	...	...	...	7	4	3
Sausage	...	...	...	...	7	6	1
Cream of Tartar	...	...	...	...	4	4	—
Dried Milk	...	...	...	...	2	2	—
Margarine	...	...	...	...	1	1	—
Tea	...	...	...	...	1	1	—
Pepper	...	...	...	...	5	5	—
Lemon Cheese	...	...	...	...	1	1	—
Flour	...	...	...	...	1	1	—
Cream	...	...	...	...	1	1	—
Minced Meat	...	...	...	...	2	2	—
Salmon Cream	...	...	...	...	3	3	—
Potted Crab	...	...	...	...	1	1	—
Potted Meat	...	...	...	...	6	5	1
Tinned Peas	...	...	...	...	4	4	—
Gentian Root	...	...	...	...	1	1	—
Ammoniated Tinc. Quinine	...	...	...	...	1	1	—
Tincture of Iodine	...	...	...	...	1	1	—
Lime Water	...	...	...	...	1	1	—
Magnesia Cream	...	...	...	...	1	1	—
Fluid Magnesia	...	...	...	...	2	1	1
Whiskey	...	...	...	...	6	6	—
					354	330	24

## PROSECUTIONS, 1935.

Milk 10% Deficient in Fat and 1.5% added water. Fined £2 3 0d. and £2 17 0d. costs.

Milk 14% deficient in Fat and 8% added water. Fined £1 0 0d. and 15/- costs.

Milk 12% deficient in Fat and 8.5% added water. Fined £1 0 0d. and 15/- costs.

Milk 12% deficient in Fat. Fined £1 0 0d. and 15/- costs.

Milk 12% deficient in Fat. Fined £1 0 0d. and 15/- costs.

Milk 11% deficient in Fat. Fined £1 0 0d. and 15/- costs.

Milk 11% deficient in Fat. Fined £1 0 0d. and £1 2 0d. costs.

Milk 16% deficient in Fat. Dismissed.

Milk 7% deficient in Fat. Dismissed.

Prosecutions were not instituted in regard to 8 samples of milk the adulteration being so slight. The sellers were, however, cautioned.

3 samples of jam, 1 of coffee, 1 of potted meat, 1 of beef sausage and 1 of fluid magnesia were test samples. Subsequent official purchases were certified genuine.

The adulteration of all samples submitted for analysis was 6.78%.

REPORT OF MR. T. R. HODGSON, M.A., F.I.C., F.C.S.,  
BOROUGH ANALYST.

*During the year I received the following samples for analysis :—*

	<i>Compared</i> 1935 <i>with</i> 1934	
<i>Under the Food and Drugs (Adulteration) Act,</i> 1928      ...      ...      ...      ...      ...	352	390
<i>Under the Public Health (Regulations as to</i> <i>Food Act, 1907) ...      ...      ...      ...</i>	2	10
<i>Under the Fertilisers and Feeding Stuffs Act</i>	24	13
	<hr/> 378	<hr/> 413



*Particulars of the samples submitted under the Food and Drugs (Adulteration) Act, 1928, together with the number of adulterated samples, are as follows :—*

			1935	Adulterated	1934	Adulterated
Milk	...	...	180	17	198	18
Milk, skimmed	...	...	1	—	2	—
Cream	...	...	1	—	6	—
Butter	...	...	37	—	39	—
Margarine	...	...	1	—	2	—
Lard ...	...	...	26	—	26	—
Cheese	...	...	21	—	19	—
Coffee	...	...	22	1	28	—
Cocoa	...	...	2	—	5	—
Tea ...	...	...	1	—	2	—
Confectionery and Jam			8	3	13	1
Whiskey	...	...	6	—	6	—
Drugs	...	...	13	1	16	2
Pepper	...	...	5	—	—	—
Miscellaneous samples			28	2	28	2
			<hr/>	<hr/>	<hr/>	<hr/>
			352	24	390	23
			<hr/>	<hr/>	<hr/>	<hr/>

*The 2 samples submitted under the Public Health (Regulation as to Food) Act, 1907, were samples of Dried Milk, both of which complied with the appropriate Regulations. (1934—10 samples, all satisfactory).*

*The samples submitted under the Fertilisers and Feeding Stuffs Act were 14 samples of Fertilisers and 10 of Feeding Stuffs, of which two samples of fertilisers failed to comply with the requirements of the Act. (In 1934 there were 5 and 8 samples respectively, of which 1 Feeding Stuff failed to comply with requirements).*

**REPORT OF THE VETERINARY OFFICER.****MR. GEO. TULLIS, M.R.C.V.S., D.V.S.M.**

In presenting this Report I have classified the work done under three headings :—

- (1) Supervision of Milk Supply.
- (2) Supervision of Meat Supply.
- (3) Administration of Diseases of Animals Acts and Orders.

**(1) SUPERVISION OF MILK SUPPLY.****Milk produced outside the Borough.**

The Borough is supplied with raw milk from approximately 140 farms in the neighbouring counties, and in order to reduce tuberculous infection to a minimum, at least two samples are taken from each farm's supply yearly. In accordance with Section 4 of the Milk and Dairies (Consolidation) Act, 1915, infected samples are reported to the Medical Officer of Health of the County of origin and an investigation is made at the farm concerned. The Veterinary Officer has attended at these examinations and individual milk samples have been taken from any suspicious cows for microscopical examination. Many of these have proved positive, and the offending cow has been slaughtered under the Tuberculosis Order, 1925, thus removing sources of infection from the milk supply to the Borough.

The following is a summary of the work done in this connection during 1935 :—

No. of milk samples taken	...	...	...	...	339
No. found Tuberculous	...	...	...	...	29
Percentage	...	...	...	...	8.55
No. of herds examined	...	...	...	...	25
No. of cows examined	...	...	...	...	1,279
No. of individual samples taken and examined microscopically	...	...	...	...	50
No. of individual samples found Tuberculous	...	...	...	...	18
No. of cows slaughtered under Tuberculosis Order 1925 (outside Borough)	...	...	...	...	18

**Milk produced inside the Borough.**

Milk is produced by twenty registered cowkeepers in the Borough, the total number of cows being approximately 240.

A routine veterinary inspection is made of these cows at least four times each year, and any cow found to be suffering from Tuberculosis is slaughtered under the Tuberculosis Order, 1925. In addition, any cows suffering from any other condition, e.g., diseased or inflammatory conditions of the udder, are immediately removed from the herds.

Frequent visits are made throughout the year to ensure that the terms of the Milk and Dairies Order, 1926, are being adhered to, especially with regard to milking methods and general hygiene.

Renovation and reconstruction of cowsheds is supervised by the Veterinary Officer in conjunction with representatives of the Works Committee and several cowsheds are at present in the process of reconstruction on modern lines.

The following table shows the work done during 1935 :—

No. of visits to farms	...	...	...	126
No. of cows examined	...	...	...	921
No. of individual samples taken	...	...	...	29
No. found to be Tuberculous	...	...	...	5
No. of diseased udders found (other than Tuberculous)	...	...	...	8

#### REGISTERED DAIRIES.

In addition to dairy farms there are 92 registered dairies in the Borough. Milk is brought from farms in the neighbouring counties to these dairies, where it is cooled, bottled, etc., before being retailed locally. Each dairy is equipped with an efficient washing and sterilising apparatus and has adequate provision for the hygienic storage of milk. A routine inspection is made of these dairies to ensure that they conform to the provisions of the Milk and Dairies Order, 1926.

A Register is also kept of the shops selling milk in sealed bottles only.

Dairies registered for sale of loose milk—92. Visits 1,394.

Shops registered for sale of bottled milk only, 135. Visits 1,276.

#### GRADED MILK.

In accordance with the Milk (Special Designations) Order, 1923, licences are granted to produce, bottle or sell the various grades of milk.

Dairies licensed to sell Certified Milk	...	...	...	12
„ „ „ bottle and sell Grade A (Tuberculin Tested) Milk	...	...	...	4
„ „ „ sell Grade A (Tuberculin Tested) Milk	...	...	...	14
„ „ „ produce Pasteurised Milk	...	...	...	1
„ „ „ sell „ „	...	...	...	9

One dairy farm was licensed to produce Grade A milk and is enrolled as an Accredited Producer with the Milk Marketing Board.

In all 62 samples of the various grades were taken throughout the year, and, with one exception, proved satisfactory.



### MILK IN SCHOOLS SCHEME.

In October, 1934, the Milk Marketing Board inaugurated a Scheme whereby dairymen supplying milk to school-children receive a rebate from the Board, providing the source of supply is approved by the Medical Officer of Health. As graded milk was not included in the Scheme, and ordinary, raw milk contains a certain amount of tuberculous infection, it was decided to approve pasteurised milk from duly licensed plants which could be inspected from time to time. Under this Scheme milk is supplied to school-children in Wallasey in bottles containing one-third of a pint at a charge of  $\frac{1}{2}$ d. per bottle. During 1935, 1,019,265 bottles were supplied. This figure includes 58,866 bottles which were supplied free by the Education Committee to necessitous children. The pasteurised milk is produced at one dairy within the Borough and one outside. These plants are examined regularly and samples of milk taken each month. During the year 96 samples of school milk have been taken and all have proved satisfactory.

### (2) SUPERVISION OF MEAT SUPPLY.

#### Public Abattoir.

All animals brought to the Abattoir for slaughter are subjected to careful ante and post-mortem examinations, and any animal suspected to be suffering from disease is isolated and slaughtered separately. The number of animals slaughtered in each of the past three years was as follows :—

	1935	1934	1933
Bullocks, cows and heifers ...	241	174	63
Calves ... ..	565	543	452
Sheep and Lambs ... ..	4,940	5,954	6,058
Pigs ... ..	1,569	1,615	1,607

The fees charged for slaughter of these in each of these years were :—

Bullocks, cows and heifers.. ..	3 <sup>1</sup> / <sub>6</sub> per head.
Calves .. ..	1/- „
Sheep and Lambs .. ..	4d. „
Pigs .. ..	1/3 „

In certain instances, e.g., public holidays, week-ends, etc., double charges were made.

The Fees received amounted to :—

1935	1934	1933
£261 12 2	£279 11 5	£260 2 9

The carcasses and offal of all animals slaughtered are examined, and the following table shows the amount of meat seized as unfit for human consumption.

			Tuberculosis.		Other Causes.
Beef	..	....	..	4,860 lbs.	.. 28 lbs.
Offal	..		..	1,036 lbs.	.. 51 lbs.
Pork	..		..	779 lbs.	.. 182 lbs.
Offal	..		..	296 lbs.	.. 90 lbs.
Mutton and Lamb			..	— lbs.	.. 28 lbs.
Offal	..		..	— lbs.	.. 13 lbs.
Veal			..	260 lbs.	.. — lbs.
				7,231	392

#### WALLASEY AND ALFRED LAIRAGES.

#### Landing Place for Irish and Isle of Man Animals and Foreign Animals Wharf.

The slaughtering of sheep has now been discontinued on these premises, owing to the building used for this purpose becoming unsafe. Emergency slaughter of cattle is still carried on, and during the year 36 animals have been inspected. 96 lbs. of offal being seized as unfit for human consumption.

#### FOOD SHOPS.

Butchers' shops, fish shops, and shops selling cooked meats, etc., are systematically inspected several times each month. In addition to the examination of meat, etc., exposed for sale, particular attention is paid to the condition and cleanliness of the premises and refrigerators as well as to the methods of handling the meat.

#### MERCHANDISE MARKS (IMPORTED GOODS) No. 7 ORDER, 1934.

This Order supersedes the Sale of Food Order 1921, and has been in force since the 7th January, 1935. It deals with imported chilled beef, frozen mutton, frozen lamb, frozen pork, boneless beef, boneless veal, salted beef, salted pork, edible offal, frozen beef and frozen veal.

The Order provides for the marking of imported meat, etc., with an indication of origin on exposure for sale, thus differentiating between Empire and Foreign products.

This Order has been carefully administered in the Borough during the year, each butcher being notified as to the required conditions and periodic inspections made to ensure that these conditions were being carried out.

No. of visits to food shops during 1935 :—2,660.

**Meat, etc., seized from above.**

Polonies	...	30 lbs.	Fillets	...	...	18 lbs.
Sausages	...	30 lbs.	Pork	...	...	50 lbs.
Beef	...	30 lbs.	Meat & Potato pies			10 doz.
Meat pies	...	150 lbs.	Pork Pies	...	...	18½ doz.
Pressed beef	...	30 lbs.	Lambs' livers	...	...	90 lbs.
Points	...	800 lbs.	1 Turkey	...	...	18 lbs.
Fat	...	170 lbs.	Pigs' Offal	...	...	32 lbs.

**Mechanical Stunning of Animals.**

In October, 1934, an electric Humane Stunner for use with sheep, pigs and calves was introduced into Liscard Abattoir. This method of stunning has several advantages over shooting by means of a Captive Bolt Pistol: viz., absence of noise, better bleeding of carcasses and considerable saving in expense. Approximately £38 annually was spent on ammunition, etc., with the latter method, while the maintenance and running expenses of the electric Humane Stunner are practically negligible.

During 1935 this apparatus has given every satisfaction and has been used for the stunning of the following number of animals :—

Sheep and lambs	...	4,940
Pigs	...	1,569
Calves	...	596
		<hr/>
		7,105
		<hr/>

**(3) ADMINISTRATION OF DISEASES OF ANIMALS ACTS AND ORDERS.**

The following is a list of contagious diseases scheduled under the above :—

Anthrax, Foot and Mouth Disease, Parasitic Mange of Horses, Rabies, Sheep Scab, Sheep Pox, Swine Fever, Cattle Plague, Pleuro-Pneumonia, Epizootic Lymphangitis, Glanders and Farcy, Epizootic Abortion of Cattle, Tuberculosis.

**Tuberculosis Order, 1925.**

Under this Order any bovine animal suffering from one or more of the forms of disease described in the Order is valued, slaughtered, and the owner compensated in accordance with the scale specified in the Order, viz: three-quarters of the original valuation if disease is "not advanced," and one-quarter if disease is "advanced." 75% of the compensation paid is recovered from the Ministry of Agriculture and Fisheries, the remainder being paid by the Local Authority.



During the year 5 cows have been slaughtered under the Order, 4 suffering from Tuberculosis of the Udder and one from Tuberculosis emaciation.

Compensation ...	£9	0	0	Compensation paid	£12	0	0
(Ministry's portion)				Slaughtering and			
Salvage from sale of				transport charges	4	10	0
carcasses and hides	6	6	10				
Dr. Balance ...	1	3	2				
	<hr/> £16 10 0				<hr/> £16 10 0		

#### **Swine Fever Order, 1908.**

The Veterinary Officer was appointed as Local Veterinary Inspector of the Ministry of Agriculture and Fisheries in December, 1934. This means that an outbreak of Swine Fever can be dealt with without delay, thus minimising the risk of infection spreading and at the same time effecting a considerable saving in expense.

Under the above Order a pig owner is obliged to report the death of any pig to the Local Authority. During the year 7 such deaths were reported, but post-mortem examination in each case proved the cause of death to be other than Swine Fever.

During 1935 687 fat and 324 store pigs were brought into the Borough under licence in accordance with the Regulation of Movement of Swine Order, 1922. As store pigs must be isolated and detained for 27 days at the place of destination specified on the licence, regular visits are made to these premises to ensure that the conditions of the licence are being carried out.

#### **Anthrax Order, 1928.**

Under this Order cattle owners are obliged to report any sudden deaths in cattle to the Local Authority. During the year 2 such deaths were reported, but on investigation were found not to be Anthrax.

#### **Transit of Animals (Amendment) Order, 1931.**

This Order provides for the suitable construction and the efficient cleansing and disinfection of road vehicles used for conveying live animals. The drivers of such vehicles must keep a record of all animals carried. Periodic inspections are made to ensure compliance with the terms of this Order.

#### **Veterinary Services to Other Departments.**

Visits were made to examine and treat Corporation horses as follows :—

Cleansing Department	...	...	18
Golf Course	...	...	1
Parks	...	...	1

During the year 8 pigs were purchased and sold for Mill Lane Hospital.

#### **Abattoir.**

The Health Committee took into consideration during the year the question of the provision of a new Public Abattoir, but decided to take no action at the moment.

## SANITARY CIRCUMSTANCES OF THE DISTRICT.

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### WATER SUPPLY.

The information given under this heading is kindly supplied by the Gas and Water Engineer.

*The actual volume of Water supplied by the Water Department during the twelve months ended 31st December, 1935, was 1,157,299,597 gallons, and the average consumption per head per diem was 32.52 gallons of which 26.42 gallons were used for drinking and domestic purposes in the homes, and 6.10 gallons for Shipping and other Trade purposes. During the year 3,674,500 gallons of Water were used by the Cleansing Department of the Corporation for flushing of drains and sewers.*

### ANALYSIS AND EXAMINATIONS OF WATER.

*During the year samples of Water have been collected from all parts of the District of Water Supply, and careful testings and examinations are carried out daily in the Laboratories of the Corporation Water Department and also weekly by the Public Analyst at his Analytical and Bacteriological Departments in Manchester. In all tests and analyses poisonous metals were reported absent and there has been no case of contamination from lead. The several Bacteriological examinations of Waters from all districts of the Distribution System have shown the Water Supply to be maintained at all times in a condition of purity, sterility and free from Colonies of Bacteria.*

### NEW SCHEME AND SOURCE OF WATER SUPPLY.

*During the year under review, several new schemes and agreements have been arranged and completed by the Gas and Water Committee with a view to the provision and maintenance at all times of a consistent supply of wholesome Water of first class purity and suitable quality for all purposes in the homes.*

*In August last the Bulk Supply of Water from Lake Vyrnwy ended as a result of the termination of the agreement made with the Liverpool Corporation in 1900 for the supply of nearly two million gallons of Water per diem.*

*A new agreement had been arranged with the Birkenhead Corporation for additional supplies of soft upland water from Lake Alwen, to be received as replacement of the Vyrnwy Supply, and this new arrangement was commenced within 24 hours of the closing down of the Vyrnwy main.*



This scheme was carried out without any interference with the scheme of supplies to the County Borough of Wallasey, and under the new system of supply two large Bulk Supply mains are delivering Lake Water into Wallasey through new connections at Poulton Penny Bridge and Upton Road.

- (1) The actual date of the expiration of the agreement with the Liverpool Corporation was 1st August, 1935, but the actual date of termination of supply from this source was 6th August, 1935—by arrangement with Liverpool. The new agreement with the Birkenhead Corporation was completed on 6th April, 1933, and the new supplies were actually commenced on the 7th August, 1935. The first agreement with the Birkenhead Corporation for a bulk supply of Water in perpetuity was dated the 28th July, 1925, and supplies commenced on 16th August, 1926.
- (2) The combined agreements with the Birkenhead Corporation provide for a supply from Lake Alwen of  $2\frac{1}{2}$  million gallons per diem, which is the amount now being received, and this quantity is to be increased to a maximum of 3 million gallons per diem in 1943.

The quantity of Water to be pumped from the Artesian Bore Holes at the Seaview Road Water Works is regulated in accordance with the requirements of the district which vary, in accordance with the time of year, between 1 million and 500,000 gallons per diem, the whole of which is pumped direct into the Reservoirs at Gorsehill to be mixed with the upland Waters from Lake Alwen before being delivered to the District and the homes of the people.

The actual quantity of Water now being pumped from the Wells is 600,000 gallons per 24 hours working.

(3)	No. 1 Reservoir capacity	...	2	million gallons.
	No. 2 Reservoir capacity	...	$4\frac{1}{4}$	„ „
			—	
			$6\frac{1}{4}$	„ „
			—	

The storage capacity of Water is, of course, considerably in excess of the actual Reservoir capacity as a result of the three section system of Supply, under which continuous volumes are available from independent mains supplied from the Crosshill Reservoir of the Birkenhead Corporation, of which the capacity is 30 million gallons, in addition to which supplies are available from the Seaview Road Water Works at which new Treatment Plant has now been installed.

- (4) The Bulk Supply of Water received by Wallasey from Lake Vyrnwy, under the terms of the old agreement, was at the rate of 1,800,000 gallons per diem.



*Under the combination agreements of 1925 and 1933 with the Birkenhead Corporation two bulk supplies of Water from Lake Alwen are now available, totalling  $2\frac{1}{2}$  million gallons per diem, of which 1,400,000 was provided for under the terms of the 1933 agreement. This total amount of  $2\frac{1}{2}$  million gallons is increased annually in 1939 to 1943 inclusive to a maximum of 3 million gallons per diem.*

- (5) *The 1935 Scheme of Waterworks Extensions, under which the new system of Bulk Supplies was completed, has also included the provision of a New Water Treatment Plant for the softening of the Hard Waters from the Artesian Bore Holes at the Seaview Road Water Works. This plant is of the Natural Base Exchange System and Process of Water Treatment, and is specially designed for dealing with an increased amount of Water in cases of emergency or failure of one or other of the Bulk Supplies.*

*The normal working arrangement provides for maintaining continuous supplies of Water of a hardness in the nature of six degrees which is under the classification of Soft Water, but still contain the valuable mineral products necessary for life.*

*The Treatment Plant now working at Seaview Road Water Works is housed in a modern two storey building, equipped with an up-to-date Laboratory for the examination and analysis of Water.*

*Certificates as issued by the Public Analyst are as follows :—*

#### CERTIFICATES OF THE BOROUGH ANALYST

*in regard to Two Samples of Water taken from houses in the Borough on December 5th, 1935.*

##### A

Total Colonies on Agar at 37°C	...	Nil in 2.0 C.C.
" " Gelatin at 20°C	...	" "
Bacillus Coli	... ..	Not present in 20.0 C.C.

*From the above results this sample would appear to be a sterile water.*

##### B

	Parts per 100,000
Total Solid Matter	18.0
Organic and Volatile Matter	5.0
Mineral Matter	13.0
Free and Saline Ammonia	Nil
Albuminoid Ammonia	0.004
Nitrogen as Nitrates	0.25
Nitrogen as Nitrite	Nil
Chlorine	4.0

				<i>Parts per 100,000</i>
<i>Oxygen absorbed in 2 hours at 27° C...</i>				0.14
<i>Hardness, Total</i>	...	...	...	5.0° Clark
<i>Temporary</i>	...	...	...	0.5° Clark
<i>Permanent</i>	...	...	...	4.5° Clark
<i>Poisonous Metals</i>	...	...	...	Absent
<i>Silica (as Si O<sub>2</sub>)</i>	...	...	...	
<i>Iron (as Fe<sub>2</sub> O<sub>3</sub>)</i>	...	...	...	
<i>Lime (as Ca O)</i>	...	...	...	
<i>Magnesia (as Mg O)</i>	...	...	...	
<i>Sulphates (as S O<sub>3</sub>)</i>	...	...	...	

## REMARKS.

From the above results, I am of opinion that the sample was an excellent Water for use for domestic purposes.

### METEOROLOGICAL.

The Corporation's Observation Station at Harrison Park is duly recognised and approved by the Air Ministry as a Climatological Station, and is equipped with Instruments, particulars of which are as under :

Dine's Pressure Tube Anemometer (fixed in 1928).  
 Standard Fortin Barometer (Casella).  
 Stevenson Screen.  
 Mason's Hygrometer (Air Ministry).  
 Mason's Hygrometer (Casella).  
 Maximum Thermometer (Negretti).  
 Minimum Thermometer (Air Ministry).  
 Five-inch Rain Gauge and Measure (Air Ministry).  
 Eight-inch Automatic Recording Rain-gauge (Casella).  
 Campbell-Stokes Sunshine Recorder (Hicks).  
 Two Barographs.

A representative of the Air Ministry inspects the instruments once a year, a report following from the Director as to their condition. These reports have always been of a favourable character.

Observations are taken morning and evening throughout the year, telegraphic reports thereon being forwarded to the Air Ministry twice daily during the Summer period (April-September), and once daily during the period October-March. These reports are intended, not only for the information of the Ministry, but also for distribution by the Ministry to the Press, with the result that Wallasey figures in the lists of those Health and Holiday Resorts whose daily weather reports are published in many of the well-known newspapers.

In addition to these daily reports the Ministry require, as a condition of recognition of the Station, monthly returns regarding weather observations, and also a return covering the calendar year.

Ever since the Station was first in use, the daily readings have been posted at Marine Park for the information of the public.

The following table gives a Summary of the readings during the past year.



**SUMMARY OF OBSERVATIONS TAKEN AT THE CORPORATION'S METEOROLOGICAL STATION,  
HARRISON DRIVE.**

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Months.	Mean Tempera- ture	Rainfall in Inches.			Sunshine.			Number of days of Frost	Number of days of snowfall	Mean Barometer (inches).
		Total	Mean Daily	No. of days with .01 or more	Total (Hours)	Mean Daily	No. of days with sunshine			
January ...	41.3	1.38	.044	14	41.1	1.3	18	11	3	30.25
February ...	43.6	2.48	.088	20	42.9	1.53	20	4	3	29.65
March ...	45.2	0.88	.028	9	98.5	3.18	27	4	1	30.15
April ...	47.9	1.87	.06	15	176.8	5.89	30	—	—	29.80
May ...	51.0	1.76	.057	9	253.8	8.2	28	1	2	30.15
June ...	60.0	3.58	.119	20	188.8	6.3	29	—	—	29.85
July ...	60.8	1.90	.061	9	219.1	7.1	30	—	—	30.10
August ...	61.6	1.77	.057	8	202.2	6.5	29	—	—	30.00
September	57.7	5.71	.184	21	130.5	4.35	29	—	—	29.80
October ...	50.5	4.07	.131	19	70.0	2.26	20	—	—	29.75
November ...	45.6	3.39	.113	19	52.2	1.73	25	2	—	29.60
December ...	38.6	3.27	.105	18	26.5	0.86	14	14	3	29.60
Means Totals	50.3	32.06	.087	181	1,502.4	4.1	299	36	12	29.89

### ATMOSPHERIC POLLUTION.

For several years Wallasey has been associated with other Local Authorities in the work of the National Smoke Abatement Society. It has also been similarly associated with the Department of Scientific and Industrial Research into Air Pollution, and, since its formation about two years ago, with the West Lancashire and Cheshire Regional Smoke Abatement Committee whose meetings are held in Liverpool. Among recent recommendations of this Committee were those in relation to the grates fixed in Municipally-built houses and their adaptability for the use of smokeless fuel. At the December meeting of the Wallasey Health Committee these recommendations were considered and as a result the following resolution was passed :—

(a) That the Estates and Housing Committee be requested to take into consideration the provision of suitable grates in Corporation houses for the burning of coke and other smokeless fuels, and that the number of coal grates in such houses be reduced accordingly.

(b) That the Gas and Water Committee be recommended to sell coke in small quantities cheaply for the convenience of the poorer section of the public.

It is recognised in an increasing degree that the smoke nuisance is not merely one associated with industrial chimneys but that the domestic chimney contributes very largely to the pollution of the atmosphere of our cities and towns. Much propaganda will be necessary, however, before public opinion appreciates as it ought that much, if not all, of the smoke nuisance is really unnecessary. Apart from its danger to public health and its effect on public buildings, there is the danger to air-craft due to bad visibility over populous areas, a danger which is increasing as air-borne traffic increases.

Five observations of dense smoke emissions from works chimneys were made during the year. Notice was necessary in one case only. It was not necessary to prosecute.

# SANITARY INSPECTION OF THE DISTRICT.

## WORK OF THE DISTRICT INSPECTORS

### NUISANCES.

No. of houses visited	...	...	...	...	...	...	7,746
„ apartments visited	...	...	...	...	...	...	31,984
„ houses found in a dirty condition	...	...	...	...	...	...	10
„ apartments found in a dirty condition	...	...	...	...	...	...	16
„ „ „ in an overcrowded condition	...	...	...	...	...	...	14
„ houses with defective, insufficient or choked drains	...	...	...	...	...	...	468
„ „ with defective sash cords, windows, etc.	...	...	...	...	...	...	186
„ „ without supply of water for drinking, domestic or sanitary purposes	...	...	...	...	...	...	8
„ „ with defective boilers, flues, etc.	...	...	...	...	...	...	82
„ „ with defective or insufficient W.C. basins, flushing cisterns, putty joints, traps, waste-pipes, soil-pipes and/or channellings	...	...	...	...	...	...	634
„ „ with defective yard or passage surfaces	...	...	...	...	...	...	304
„ „ with defective floors	...	...	...	...	...	...	154
„ „ with insufficient ventilation	...	...	...	...	...	...	15
„ „ vacant or insecure against misuse by general public	...	...	...	...	...	...	4
„ „ with damp or defective walls	...	...	...	...	...	...	317
„ „ with defective roofs, gutters and downspouts	...	...	...	...	...	...	542
„ „ without proper and sufficient ashpits or ashbins	...	...	...	...	...	...	1,221
„ „ with dirty yard surfaces	...	...	...	...	...	...	8
„ „ with offensive accumulations requiring removal	...	...	...	...	...	...	69
„ „ with other defects	...	...	...	...	...	...	477
„ Interviews and appointments re work in hand	...	...	...	...	...	...	258
„ Supervisional visits	...	...	...	...	...	...	614
„ Observations following complaints	...	...	...	...	...	...	37
„ offensive ditches and ponds found requiring cleansing	...	...	...	...	...	...	29
„ cesspool inspections	...	...	...	...	...	...	18
„ matters referred to other departments	...	...	...	...	...	...	56
„ matters referred from other departments (bins, etc.)	...	...	...	...	...	...	2,130
„ informations laid in respect of nuisances, etc.	...	...	...	...	...	...	15
„ convictions obtained	...	...	...	...	...	...	11
„ Magistrates Orders obtained	...	...	...	...	...	...	2
„ Nuisances abated and cases withdrawn on payment of costs	...	...	...	...	...	...	2
Informations laid but cases not proceeded with	...	...	...	...	...	...	—
Amount of fines and costs	...	...	...	...	...	...	£27/19/0

### ABATEMENT OF NUISANCES.

Number of preliminary notices issued for the abatement of nuisances	2,814
„ Statutory Notices issued	606
„ re-inspections of nuisances	6,573

### SMOKE NUISANCES.

#### *Steps to prevent Smoke Nuisances.*

Number of observations made	5
„ Notices served in respect of black smoke	1
„ Informations laid in default of compliance with Notice	—
„ Informations laid in default of compliance with order	—
Amount of fines and costs	—



## BYE LAWS WITH RESPECT TO NUISANCES.

Number of inspections of stable yards	...	...	...	...	94
„ re-inspections	...	...	...	...	9
„ Notices served to empty manure pits	...	...	...	...	2
„ Informations laid in default of compliance with notice	...	...	...	...	—
„ Stable yards without sufficient manure pits	...	...	...	...	—
„ Notices served to provide manure pits	...	...	...	...	—
„ Notices served to provide stables with sufficient paving and/or drainage	...	...	...	...	5
„ Notices to clean stable yards	...	...	...	...	—

## DRAIN TESTING.

Number of houses at which drains or branches have been specially tested by means of smoke or water	...	...	...	...	95
--	-----	-----	-----	-----	----

## EXAMINATION OF UNDERGROUND DRAINS.

Number of applications made to Council under Section 41 of the Public Health Act, 1875, to lay bare pipes and traps	...	...	...	...	—
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## CELLAR DWELLINGS.

Cellars found occupied as dwellings	...	...	...	...	1
Notices served to vacate same	...	...	...	...	1
Informations laid	...	...	...	...	—
Convictions obtained...	...	...	...	...	—
Amount of fines and costs	...	...	...	...	—

## INSPECTION OF ICE CREAM CARTS, &amp;c.

Number of visits to premises where Ice Cream is manufactured or sold	...	...	...	...	21
--	-----	-----	-----	-----	----

## SPECIAL COMPLAINTS.

Number of special complaints received and dealt with	...	...	...	...	1,607
--	-----	-----	-----	-----	-------

## HOUSES WITH INSUFFICIENT ASHPITS.

Number of houses found without sufficient ashpits or ashbins	...	...	...	...	1,221
„ offensive ashpits abolished	...	...	...	...	12

## MARINE STORE INSPECTION.

Number of premises entered on Register	...	...	...	...	3
„ inspections	...	...	...	...	7
„ offensive conditions discovered at time of visit, and for which notices were served	...	...	...	...	2

## INSPECTION OF TENTS, VANS AND SHEDS.

Number of visits paid to encampments and caravans	...	...	...	...	105
„ tents, vans and sheds inspected	...	...	...	...	1,180

## PUBLIC BUILDINGS.

Number of inspections of Public Buildings (Conveniences)	...	...	...	...	1
„ „ Railway Stations( Do. )	...	...	...	...	—
„ „ Schools	...	...	...	...	5
„ „ Theatres, Picturedromes, etc.	...	...	...	...	—
„ „ Public Conveniences	...	...	...	...	3
„ „ „ Urinals	...	...	...	...	1

## CANAL BOAT INSPECTION

The number of boats inspected was :—	...	...	...	...	28
Number of boats on which infringements were found	...	...	...	...	6
Number of infringements	...	...	...	...	6

## SUBLET HOUSE INSPECTION.

Number of Inspections	...	...	...	...	377
„ Rooms inspected	...	...	...	...	3,222

## SEWER CONSTRUCTION.

Information in regard to Sewerage is kindly supplied by the Borough Engineer and Surveyor. In addition to new sewers constructed to meet developments, reconstructions of sewers have been effected during the year as follows:—

Passage rear of Larch Road and Cherrybank Road—50 yds. of 9 in. sewer.

Grafton Road.—75 yards of 12 inch sewer.

Passage rear of Bosnia Street.—23 yds. of 9 inch sewer.

Magazine Lane.—88 yards of 12 inch sewer.

Reeds Lane.—48 yards of 9 inch surface water sewer.

## SEWERAGE AND DRAINAGE.

The water-carriage system obtains throughout the Borough, and the crude sewage is discharged into the Mersey below low-water level.

Main Watercourses in the low-lying part of the Borough have been cleaned out and re-graded to improved falls.

The usual sewer flushing operations have been carried on and work has been done on general repair to sewers.

## DRAIN RECONSTRUCTION.

Under the supervision of the Health Department, the drainage systems of 19 houses were entirely reconstructed, and of 16 houses partially reconstructed during the year. Of the 19 drainage systems entirely reconstructed, 9 have a dual system.

## FLUSHING.

The work of flushing the drains from house to house has been continuously carried out by three gangs of men throughout the year.

## HOUSE TO HOUSE WORK.

Number of Visits to streets	...	...	...	...	...	2,423
„ „ to houses	...	...	...	...	...	31,458
„ yard W.C.'s flushed	...	...	...	...	...	27,321
„ yard gullies flushed	...	...	...	...	...	100,245
„ drains found choked	...	...	...	...	...	11,179
„ drains cleared	...	...	...	...	...	10,665

## SPECIAL FLUSHING IN INFECTIOUS CASES.

Number of visits to streets	...	...	...	...	...	233
„ „ to houses	...	...	...	...	...	254
„ yard W.C.'s flushed	...	...	...	...	...	248
„ yard gullies flushed	...	...	...	...	...	773
„ drains found choked	...	...	...	...	...	51
„ drains cleared	...	...	...	...	...	46

*This work was discontinued on 11th September.*

## FLUSHING OF SCHOOLS, HOSPITALS, ETC.

Number of visits to streets	...	...	...	...	...	124
„ schools, public buildings, etc.	...	...	...	...	...	215
„ yard W.C.'s flushed	...	...	...	...	...	1,167
„ yard gullies flushed	...	...	...	...	...	4,806
„ drains found choked	...	...	...	...	...	904
„ drains cleared	...	...	...	...	...	900

## RAG FLOCK ACTS, 1911 & 1928.

There are no premises in the district in which Rag Flock is manufactured. In six premises, however, rag flock is used in small quantities, and in one place only is it sold—also in small quantities. 14 visits were paid to such premises during the year.

### FACTORY AND WORKSHOP INSPECTION.

#### 1.—INSPECTION.

*Including Inspections made by Sanitary Inspectors.*

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
FACTORIES ... .. (Including Factory Laundries)	18	3	—
WORKSHOPS ... .. (Including Workshop Laundries)	74	13	—
WORKPLACES ... .. (Other than Outworkers' premises included in Part 3 of this Report)	—	—	—
Total ... ..	92	16*	—

\* Verbal Notices : 5.

#### 2.—DEFECTS FOUND.

Particulars.	No. of Defects		Referred to H.M. Inspector.	Number of Prosecu- tions.
	Found.	Remedied.		
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness ... ..	11	11	—	—
Want of Ventilation ... ..	—	—	—	—
Overcrowding ... ..	—	—	—	—
Want of Drainage of Floors ...	5	5	—	—
Other Nuisances ... ..	10	10	—	—
<i>Sanitary Accommodation :—</i>				
Insufficient ... ..	—	—	—	—
Unsuitable, Defective or Dirty	—	—	—	—
Not Separate for Sexes ...	—	—	—	—
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal Occupation of Under- ground Bakehouse (s 101) ...	—	—	—	—
Breach of Special Sanitary Requirements for Bakehouses (ss. 97 to 100) ... ..	—	—	—	—
Other offences (excluding offen- ces relating to outwork which are included in Part 3 of this Report) ... ..	—	—	—	—
Totals ... ..	26	26	—	—



**FACTORIES.**

For the most part the law relating to Factories is administered by the Home Office.

18 visits were, however, made to factories, these being chiefly in reference to sanitary accommodation.

The number of Factories on the Register is as follows :—

TRADE.	Number on Register.	Number of Visits.
Bakers ... ..	14	18
Goods Yards ... ..	1	—
Boot Makers and Repairers ... ..	32	—
Laundries ... ..	15	—
Wheelwrights and Smiths ... ..	1	—
Joiners ... ..	3	—
Coffin Makers ... ..	1	—
Motor Engineers ... ..	13	—
Stonemasons ... ..	2	—
Printers ... ..	8	—
Artificial Manure Makers ... ..	1	—
Wireless Outfitters ... ..	1	—
Boat Builders ... ..	1	—
Firelighter Manufacturers ... ..	3	—
Timber Merchants ... ..	2	—
Flour Millers ... ..	3	—
Spring Makers ... ..	1	—
Provender Dealers ... ..	1	—
Brick Makers ... ..	3	—
Engineers ... ..	4	—
Cabinet Makers ... ..	2	—
Oil Storages ... ..	2	—
Treacle Works ... ..	1	—
Leather Belting Manufacturers ... ..	1	—
Destructor Works ... ..	1	—
Motor Bus Depot and Electricity Works ... ..	1	—
Gas and Water Works ... ..	1	—
Cereal Mills ... ..	1	—
Builders' Merchants ... ..	2	—
Lock Manufacturer ... ..	1	—
Mineral Water Manufacturers ... ..	2	—
Varnish Makers ... ..	1	—
Corn Warehouses ... ..	1	—
Nut Cracking Works ... ..	1	—
Pipe Cleaner Manufacturers ... ..	1	—
Leather Dressers ... ..	1	—
Tie Knitters ... ..	1	—
Electrical Engineers ... ..	2	—
Artificial Stone Makers ... ..	1	—
Plaster Board Manufacturers ... ..	1	—
Photographers ... ..	1	—
Sheet Metal Workers ... ..	1	—
Woodworkers ... ..	2	—
Coach Painter ... ..	1	—
Totals ... ..	140	18

**WORKSHOPS.**

The number of Workshops on the Register approximately is as follows :—

Trade.	Number on Register.	Approximate Number of Persons Employed.	Number of Visits.
Bakers ... ..	77	136	56
Confectioners ... ..	25	52	9
Laundries ... ..	6	10	—
Tailors ... ..	14	34	1
Bootmakers and Repairers ...	65	97	—
Cabinet Makers & Upholsterers ...	13	33	—
Watchmakers and Repairers ...	10	14	—
Tinsmiths & Sheet Metal Workers	2	3	—
Saddlers and Leather Workers ...	1	1	—
Wringing Machine Repairers ...	3	4	—
Printers ... ..	3	12	—
Photographers ... ..	1	5	—
Coffin Makers ... ..	2	9	—
Dry Cleaners & Valeting Service	6	14	—
Joiners ... ..	3	6	—
Mineral Water Manufacturers ...	1	2	—
Motor Repairers ... ..	16	35	—
Cycle Repairers ... ..	8	14	—
Scale Repairers ... ..	1	3	—
Blacksmiths ... ..	2	2	—
Gramophone Repairers ... ..	1	1	—
Builders' Merchants ... ..	1	5	—
Firelighter Manufacturers ... ..	1	1	—
Electrical Engineers ... ..	1	2	—
Leadlight Manufacturers... ..	1	15	—
Wireless Dealers ... ..	1	1	—
Sign Writers ... ..	1	9	—
Plumbers ... ..	1	1	—
Dressmakers ... ..	3	9	3
Milliners ... ..	5	12	5
Totals ... ..	275	542	74

**WORKPLACES.**

The number of workplaces on the Register approximately is as follows :—

Trade.	Number on Register.	Approximate Number of Persons Employed.	Number of Visits.
Cycle Builders and Repairers ...	1	1	—
Wheelwrights and Smiths ...	2	4	—
Joiners and Contractors ...	8	22	—
Motor Engineers and Repairers ...	11	35	—
Stonemasons ... ..	1	1	—
Bottle Washers ... ..	1	—	—
Shippers ... ..	5	320	—
Slaters ... ..	1	2	—
Plumbers' Yards ... ..	1	1	—
Totals ... ..	31	386	—

## HOME WORK. OTHER MATTERS.

<i>Class.</i>	<i>Number.</i>
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (S. 133) ... ..	—
Action taken in matters referred by H.M. Inspectors as re- mediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5) :—	
Notified by H.M. Inspector ... ..	—
Reports (of action taken) sent to H.M. Inspector ... ..	—
Other matters notified to H.M. Inspector of Factories ... ..	—
Underground Bakehouses (S. 101) :—	
Certificates granted during the year ... ..	—
In use at the end of the year ... ..	—

## OUTWORKERS.

4 visits were paid during the year to the homes of Outworkers.  
In no case was it found necessary to serve notices.

## BAKEHOUSES.

At the end of the year there were 106 bakehouses in occupation.

The following is a summary of the work of inspection during the year :—

## BAKEHOUSES.

Number on Register ... ..	77
„ of visits made ... ..	37
„ re-visits ... ..	19
„ bakehouses found dirty (walls and ceilings) ... ..	7
„ notices issued for limewashing ... ..	7
„ bakehouses limewashed without notice ... ..	30
„ notices issued for defective drainage ... ..	5
„ „ „ „ walls and floors ... ..	—
„ „ „ „ to repair defective ceilings ... ..	—
„ „ „ „ to cleanse tables, utensils, &c. ... ..	2
„ „ „ „ to cleanse walls and floor ... ..	4
„ „ „ „ to clean areas ... ..	1
„ references to Factory Inspector ... ..	—



## CONFECTIONERY BAKEHOUSES.

Number on Register	...	...	...	...	...	...	29
„ of visits made	...	...	...	...	...	...	7
„ re-visits	...	...	...	...	...	...	2
„ found dirty (walls and ceilings)	...	...	...	...	...	...	1
„ notices issued for limewashing	...	...	...	...	...	...	1
„ bakehouses limed without notice	...	...	...	...	...	...	6
„ notices issued for defective drainage, &c.	...	...	...	...	...	...	—
„ „ „ to cleanse floors, utensils, &c.	...	...	...	...	...	...	—
„ „ „ for various defects	...	...	...	...	...	...	1
„ references to Factory Inspector	...	...	...	...	...	...	—

## UNDERGROUND BAKEHOUSES.

There are now no underground bakehouses in the Borough, the last one being discontinued in August, 1934.

## SHOP HOURS ACTS.

During the year all shops in the Borough were regularly visited by the Shop Hours Inspector and the Register of Shops kept up to date.

In addition to these visits the streets of the Borough are systematically patrolled each evening with the object of ensuring that the Acts and the various Closing Orders made thereunder are being complied with. The following is a summary of the action taken in cases where contraventions were discovered:—

No. of cases pending at 1/1/35	...	...	...	...	...	1
„ contraventions discovered during the year	...	...	...	...	...	9
„ informations laid	...	...	...	...	...	9
„ convictions obtained	...	...	...	...	...	8
„ warnings issued	...	...	...	...	...	—
„ cases dismissed under Probations Offenders Act	...	...	...	...	...	1
„ cases pending at 31/12/35	...	...	...	...	...	1
Amount of fines and costs	...	...	...	...	£2 0 0	

## RATS AND MICE DESTRUCTION ACT.

### SUMMARY OF WORK DONE DURING THE YEAR. (Including RAT WEEK)

Complaints received	...	...	318	Rats caught by :—				
Visits and re-visits	...	...	6436	trays and traps,	}	...	933	
Notices served	...	...	66	dogs, cats or bait				
Traps set	...	...	968	Mice found dead or caught		...	56	
Baits laid	...	...	2010	Income for services of Rat-				
Baits consumed	...	...	1672	catcher	...	...	£36 4 1	

### NATIONAL RAT WEEK, NOVEMBER 4th to 9th.

The action taken by the Department to secure the co-operation of the Public in the intensive destruction of rats included the display of large posters on public hoardings for a period of at least seven days before and also during, Rat Week ; requests to 55 Chemists to exhibit in their shop windows printed display cards containing a reference to Rat Week and stating thereon that rat baits, poisons, etc., could be obtained on application to the chemists displaying the cards.

Circulars to the number of 524 were sent out to the occupiers of the following premises drawing attention to Rat Week and requesting co-operation in the extermination of rats.

Corporation Departments	...	...	...	7
Mills, Factories, etc.	...	...	...	37
Stable Yards	...	...	...	65
Marine Stores	...	...	...	3
Market Gardens	...	...	...	30
Farms, Piggeries, etc.	...	...	...	22
Moreton Camps	...	...	...	9
Cinemas and Theatres	...	...	...	13
Railway Stations, etc.	...	...	...	8
Provender Stores, etc.	...	...	...	12
Occupiers who had complained of rats during the year	...	...	...	318

The circular requested the persons concerned to advise the Local Authority as to the results of the steps taken by them. In five instance only, however, were replies received.

Visits were paid to the premises aforementioned and the following information was received :—

No. of traps set	...	...	...	180
No. of baits laid	...	...	...	1,787
No. of baits consumed	...	...	...	1,532
No. of rats caught	...	...	...	234

In addition the efforts of the Rat Catcher during the week resulted as follows :—

No. of traps set	...	...	...	56
No. of baits laid	...	...	...	1500
No. of baits consumed	...	...	...	1,100
No. of manholes inspected	...	...	...	563
No. of manholes treated	...	...	...	234
No. of manholes re-visited	...	...	...	500
No. of rats caught	...	...	...	122

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#### LOCAL AND ADOPTIVE ACTS.

No new local Acts or Byelaws affecting the Department were made during the year.



## APPENDIX.



COUNTY BOROUGH OF WALLASEY  
EDUCATION COMMITTEE.



# Annual Report

OF THE

SCHOOL MEDICAL OFFICER

For the Year 1935.

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**STAFF.**

- RONALD B. BERRY, M.D., Ch.B., D.P.H.  
*Medical Officer of Health and School Medical Officer.*
- W. WRIGLEY STACEY, M.B., Ch.B., D.P.H.  
*Assistant Medical Officer of Health and Assistant School Medical Officer.*
- ISOBEL ORD KENNEDY, M.B., Ch.B., D.P.H.  
*Assistant Medical Officer from 23rd April, 1935.*
- C. JOINSON LUYA, L.D.S.  
*School Dental Surgeon.*
- W. A. HENDERSON, L.D.S.  
*Assistant School Dental Surgeon.*
- Miss E. W. NICHOLLS (*Certificate Royal Sanitary Institute*).  
 Mrs. B. CHAPPELLS (*Trained Nurse*).  
*School Nurses.*
- Miss R. M. QUINTON (*Certificate Royal Sanitary Institute*).  
 Miss L. VANCE (*State Certified Midwife, and State Registered Nurse*).  
*Combined duties of School Nurse and Health Visitor.*
- Miss M. OGLE,  
 (*Certificates Chartered Society of Massage and Medical Gymnastics, Diploma Liverpool University in Massage, etc.*)  
*Masseuse.*
- H. R. BICKERTON, M.A., M.B., Ch.B., M.R.C.S., L.R.C.P.  
 (*Eyes*).
- C. YORKE, M.D., Ch.B., B.S., F.R.C.S.  
 (*Tonsils and Adenoids*).
- T. HARTLEY MARTIN, M.B., Ch.B. (*Orthopaedic Surgeon*).  
*Visiting Specialists.*
- G. E. HUGHES, Education Office (*Secondary Schools*).  
 R. L. BASCOMBE, Education Office (*Elementary Schools*).  
*Clerical Assistants.*

**ELEMENTARY EDUCATION.**

The number on roll on the 31st December, 1935, at the Council Schools was 8,767 and in the non-provided Schools 1,782 or a total of 10,549.

**HIGHER EDUCATION.**

NAME	ON ROLL
WALLASEY GRAMMAR SCHOOL .....	771
WALLASEY HIGH SCHOOL FOR GIRLS .....	525
OLDERSHAW SCHOOL FOR BOYS.....	349
OLDERSHAW SCHOOL FOR GIRLS .....	353
	<hr/>
	1 998
	<hr/>

Town Hall,  
Wallasey,  
27th March, 1936

To the CHAIRMAN and MEMBERS  
of the EDUCATION COMMITTEE.

Ladies and Gentlemen,

The year's report is little more than a summary of the work carried out during 1935.

The appointment of an additional Medical Officer—a woman—to the staff of the Health and School Medical Departments followed a recommendation made in 1934. The doctor appointed has taken over the Medical Inspection of the girls in the Secondary Schools and the Central Schools, and will also carry out the inspections in the Senior Girls' Schools.

The appointment has also made it possible to carry out special visits to schools to investigate the incidence of infectious diseases, and it will be possible to supervise the feeding of school-children as referred to in the Board of Education Circular No. 1443 of the 16th December, 1935.

The immunisation against Diphtheria of children in the Infants' schools was commenced in the autumn and will be continued during the present year. The response to the offer of immunisation was satisfactory.

Towards the end of the year a complete survey of the work of the School Medical Department was carried out by Dr. Underwood, of the Board of Education. His recommendations included the provision of more accommodation at Elleray Park Special School, an increase in the School Medical Nursing Staff, and also the appointment of a further School Dentist. These recommendations have received your attention. Those dealing with Elleray Park Special School and the Nursing Staff are being dealt with in the course of the present year, the suggested increase in Dental Officers being postponed for consideration at a later date.

I wish to express my thanks to all members of the staff for their willing co-operation, to Insp. Mason of the N.S.P.C.C. for valuable assistance in difficult cases, and to the members of the Committee for their sympathetic consideration of the needs of the School Medical Service.

I am,

Your obedient Servant,

RONALD B. BERRY,

School Medical Officer.

## **GENERAL.**

### **MEDICAL TREATMENT.**

#### **Cleanliness.**

The School Nurses have examined the children of each department in every School on two occasions during the year, and those children who have been in an unsatisfactory condition have been seen oftener. They have made in all 24,568 examinations on 10,282 individual children. There were 105 cleansing surveys, the result being that 621 children were found with unclean heads or bodies.

211 routine and 216 special visits were paid to the Schools. 73 children with unclean heads were found at the cleansing surveys and excluded from school.

1,221 visits to the homes of the children were made and cases of neglect were reported to the N.S.P.C.C.

#### **MINOR AILMENTS.**

The number of cases who received treatment at the Clinics was 1,551 (576 at the Moreton Clinic and 975 at the Church Street Clinic). The number of children treated otherwise than under the Local Education Authority's scheme was 92. The chief ailments met with are Impetigo and other skin diseases, 706. Minor injuries 242, Eye disease 180, and Ear disease 113. During the year there have been 5 cases of Ringworm of the Scalp, 11 cases of Ringworm of the Body, and 13 cases of Scabies.

The number of dressings was 6,231 (3,490 at Church Street and 2,741 at the Moreton Clinic).

#### **EYES.**

During the year 458 children attended the eye clinics making 676 attendances. 389 were provided with spectacles. In 44 cases spectacles were not needed. In 3 cases treatment was not completed at the end of the year and in 22 cases no change of lenses was considered necessary.

In addition 22 children under 5 years of age were seen by the eye specialist for Strabismus.



### TONSILS AND ADENOIDS.

Age (years)	5	6	7	8	9	10	11	12	13	14	15	Totals
Boys ..	10	11	2	2	5	3	1	0	2	1	0	37
Girls ..	12	20	10	5	6	3	5	4	5	1	1	72
Totals ..	22	31	12	7	11	6	6	4	7	2	1	109

During the year 109 operations were performed at the Victoria Central Hospital under the Local Education Authority's scheme. 48 operations were for Tonsils and Adenoids, 47 for Tonsils and 14 for Adenoids. 31 children were detained overnight at the Hospital after the operation.

The school nurses visit the homes of the children the day after the operation and advise the parents to allow the children to attend the Remedial Exercise Clinic to aid in the establishing of correct breathing.

### REPORT OF Dr. T. HARTLEY MARTIN,

#### Orthopaedic Surgeon.

20 sessions have been held at **Church Street Clinic** at which 183 New Cases have been seen and 671 cases have attended for re-examination—an average of 33 cases per session, which is lower than that of the previous year, which was 37.

These figures analysed according to ages are shown below :—

				<i>In relation to school age.</i>		
				Under	Of	Over
<i>New Cases</i>						
Non-Tuberculous	..	..	40	143	—	—
Tuberculous	..	..	—	—	—	—
<i>Re-examinations</i>						
Non-Tuberculous	..	..	176	438	29	
Tuberculous	..	..	—	27	1	

In Table 1 (appended) the cases are shown in greater detail grouped into age and disease categories ; the number of cases discharged is also shown, with the reasons for discharge.

Of the 355 cases on the Clinic Register during the past year, 22 or 6.2% have been admitted to the Children's Hospital, Leasowe, for treatment.

These cases are :—

<i>Infantile Paralysis</i>	2 cases. Stay in hospital 76 and 114 days respectively.
<i>Spastic Paralysis</i>	3 cases. Stay in hospital 15, 15 and 146 days respectively.
<i>Rickets</i>	2 cases. Stay in hospital 46 and 143 days respectively.
<i>Congenital Deformities</i>	9 cases. Stay varying from 21 to 168 days. Total 431 days.
<i>Acquired Deformities</i>	6 cases. Stay in hospital varying from 5 to 161 days. Total 374 days.

The total number of days spent in hospital was 1,320. (Of these 22 cases—19 or 86% were of school age, and 3 or 14% were under school age) equal to an occupation of 3.6 beds throughout the year.

In addition 12 cases attended for X-ray examination and 3 for the application of Plaster of Paris splints.

The work of the Massage and Remedial Exercises department is excellent and of the greatest value in curative and preventive treatment.

During the past 12 months 4,059 treatments have been given to 194 cases on the register; 102 new cases were referred and treatment terminated in 118 cases.

Table II shows these cases analysed into age and disease groupings and also shows the relative amount of work devoted to children of school and pre-school age.

The enthusiasm shown by the Staff of this department and the arrangement of the work in groups and classes enables a greater number of cases to be treated, but there is need of extra assistance as the work is increasing.

Visits by Surgeon	..	..	..	..	..	20
Attendances by Orthopaedic Sister	..	..	..	..	..	79
New Cases Examined	..	..	..	..	..	183
Re-examinations	..	..	..	..	..	671

#### Analysis of Cases.

		<i>Under School Age.</i>		<i>Of School Age.</i>		<i>Over School Age.</i>	
		<i>Boys.</i>	<i>Girls.</i>	<i>Boys.</i>	<i>Girls.</i>	<i>Boys.</i>	<i>Girls.</i>
<hr/>							
<i>New Cases.</i>							
Non-Tuberculous	..	21	19	69	74	—	—
<hr/>							
Tuberculous	.. ..	—	—	—	—	—	—
<hr/>							
<i>Re-examinations.</i>							
Non-Tuberculous	..	115	61	193	245	11	18
<hr/>							
Tuberculous	.. ..	—	—	20	7	—	1

### Massage and Remedial Exercises Department.

			Boys.	Girls.	Total.
Number of Patients Treated	...	...	89	95	194
Do. Attendances of Cases	...	...	2034	2025	4059
Do. New Cases Referred for Treatment	...	...	51	51	102
Do. Cases in which the Treatment has been Terminated	...	...	51	67	118

Six bi-monthly clinics have been held at **Oakenholt Road Clinic**, at which 18 new cases were seen and 138 re-examinations were made.

In greater detail these cases are :—

			<i>In relation to school age.</i>		
			Under	Of	Over
<i>New Cases.</i>					
Non-Tuberculous	..	..	7	10	—
Tuberculous	..	..	—	1	—
<i>Re-examinations.</i>					
Non-Tuberculous	..	..	40	66	2
Tuberculous	..	..	—	22	8

Table 1, shows the cases arranged in disease categories and age groups ; and also the reasons for the discharge of cases.

Of the 59 Non-Tuberculous cases on the register 2 or 3.4 per cent. have been admitted to the Leasowe Children's Hospital for treatment.

These were :—

Congenital Deformity .. 1 case. Stay in hospital 21 days.  
 Infantile Paralysis .. .. 1 case. Stay in hospital 39 days,  
 and in addition 3 cases attended for X-Ray examination.

The Massage and Remedial exercises work is undertaken by the Masseuse of the Leasowe Hospital. 148 treatments have been given to 8 cases. 4 new cases were referred and 3 discharged on completion of treatment.

It has always been felt that the number of cases on the register does not represent the Orthopaedic needs of the area, but if the School population (1,531) is compared with that of Wallasey (9,018), these numbers are approximately proportionate. Although the average attendance at the clinic session does not exceed 26, it is suggested that a once monthly clinic would serve the area in a more satisfactory way than the present bi-monthly session, and that the provision of Massage Sessions at the Clinic itself would enable a greater number of children to attend and receive the advantages of the valuable treatment.



Visits by Surgeon	..	..	..	..	..	6
Attendances by Orthopaedic Sister	..	..	..	..	..	31
New Cases Examined	..	..	..	..	..	18
Re-examinations	..	..	..	..	..	138

#### Analysis of Cases.

	<i>Under School Age.</i>		<i>Of School Age.</i>		<i>Over School Age.</i>	
	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>
New Cases—Non-Tuberculous ..	3	4	4	6	—	—
Tuberculous ..	—	—	—	1	—	—
Re-examinations—Non-Tuberculous	21	19	27	39	1	1
Tuberculous ..	—	—	10	12	8	—

#### Massage and Remedial Exercises Department.

		Boys	Girls	Total
Number of Patients Treated	...	7	1	8
do. Attendances of Cases	...	132	16	148
do. New Cases Referred for Treatment	...	3	1	4
do. Cases in which the Treatment has been Terminated		3	—	3

## Church Street Clinic.

TABLE 1.

Disease Categories.	Remaining			New cases			Remaining			Discharged.						
	1934.			1935.			1935.			Cured.	Relieved.	Over Age— Relieved.	Left District.	Refused Treatment.	Unsuitable	Died.
	Under	Of	Over	Under	Of	Over	Under	Of	Over							
Infantile Paralysis..	2	10	7	—	2	—	1	11	2	—	2	3	2	—	—	—
Spastic Paralysis ..	3	25	2	1	2	—	4	25	1	—	—	1	1	1	—	—
Locks .. ..	5	7	—	7	1	—	6	5	—	6	—	—	3	—	—	—
Fiber- } Osteitis &	—	11	2	—	—	—	—	7	2	1	—	—	2	1	—	—
lous } Arthritis ..																
Non-Tuberculous do.	—	6	1	—	1	—	—	4	1	2	—	1	—	—	—	—
Deformities—																
Congenital .. ..	9	22	—	5	6	—	7	25	1	2	1	2	1	3	—	—
Deformities—																
Acquired .. ..	20	32	—	20	122	1	25	65	—	89	5	—	5	3	2	1
Diagnosis .. ..	5	3	—	5	10	—	4	4	—	—	—	—	—	—	15	—
Totals .. ..	44	116	12	38	144	1	47	146	7	100	8	7	14	8	17	1

## MESSAGE RETURN.

TABLE 2.

Disease Categories.	Attendances.										Cases.	
	Of School age						Under School Age.		Over School Age.		Number of cases.	% of total cases.
	Boys			Girls								
	Attending School.	Not attending School	Attending Special School.	Attending School.	Not attending School.	Attending Special School.	Boys.	Girls.	Boys.	Girls.		
Infantile Paralysis .. .. .	79	—	122	456	—	65	—	90	—	18	12	6·19
Spastic Paralysis .. .. .	102	—	236	207	—	140	71	62	—	—	15	7·73
Locks .. .. .	—	—	—	—	—	—	—	—	—	—	—	—
B.—Osteitis and Arthritis ..	—	—	—	—	—	—	—	—	—	—	—	—
Non-T.B. do. .. .. .	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Deformities .. ..	295	—	66	77	—	181	290	40	—	—	22	11·34
Acquired Deformities .. ..	559	—	48	689	—	—	166	—	—	—	145	74·74
Totals .. .. .	1035	—	472	1429	—	386	527	192	—	18	194	
Totals .. .. .	3322						719		18			
Percentages .. ..	81·84%						17·72%		0·44%			

## Moreton Clinic.

TABLE 1.

Disease Categories.	Remaining			New Cases			Remaining			Discharged.						
	1934. In relation to School age.			1935. In relation to School age.			1935. In relation to School age.			Cured	Relieved.	Over age— relieved.	Left District.	Refused treatment.	Unsuitable.	Died.
	Under	Of	Over	Under	Of	Over	Under	Of	Over							
Infantile Paralysis	—	1	—	—	1	—	—	2	—	—	—	—	—	—	—	—
Spastic Paralysis ..	—	4	—	1	1	—	1	5	—	—	—	—	—	—	—	—
Rickets .. ..	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—	—
Tuber- { Osteitis & culous { Arthritis ..	—	8	2	—	1	—	—	9	1	—	—	1	—	—	—	—
Non-Tuberculous do.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Deformities—																
Congenital .. ..	7	8	—	1	—	—	7	6	—	1	—	—	2	—	—	—
Deformities—																
Acquired .. ..	5	6	—	2	8	—	2	8	—	6	—	2	3	—	—	—
Diagnosis .. ..	—	—	—	2	—	—	1	—	—	—	—	—	—	—	1	—
Totals .. ..	12	27	2	7	11	—	12	30	1	7	—	3	5	—	1	—

## MESSAGE RETURN.

TABLE 2.

Disease Categories.	Attendances.								Cases.	
	Of School Age.						Under School Age.		Number of cases.	% of total cases.
	Boys			Girls			Boys.	Girls.		
	Attending School.	Not attending School.	Attending Special School.	Attending School.	Not attending School.	Attending Special School.				
Infantile Paralysis .. .. .	—	—	—	—	—	—	3	—	1	12.5
Spastic Paralysis .. .. .	73	—	—	—	—	—	—	—	3	37.5
Rickets .. .. .	—	—	—	—	—	—	—	—	—	—
T.B.—Osteitis and Arthritis .. .. .	—	—	—	—	—	—	—	—	—	—
Non-T.B.—do. .. .. .	—	—	—	—	—	—	—	—	—	—
Congenital Deformities .. .. .	23	—	—	—	—	—	5	16	3	37.5
Acquired Deformities .. .. .	—	—	—	—	—	—	28	—	1	12.5
Totals .. .. .	96	—	—	—	—	—	36	16	8	
Totals .. .. .	96						52		—	
Percentages .. .. .	64.87%						35.13%			



### Report on the Work of the Classes for Stammering Children.

In January, 1935, there were 40 children attending the Classes for Stammerers. Of these 28 were boys and 15 girls—The children were divided into four classes. Each class received one lesson per week, of an hour and a half's duration.

Of the 40 children on the register in January, 1935 :—

17 are still in attendance at the classes.

12 were discharged with absolutely normal speech.

2 „ „ „ almost normal speech.

5 „ „ (on reaching school leaving age), as improved.

1 was „ „ as an unsatisfactory case.

1 left the borough.

2 were withdrawn at the request of the parents.

There are at present 33 children attending the classes, 4 of whom are speech defects, requiring individual treatment.

As there are at present no facilities for the treatment of these defects, the cases are included in the classes for stammerers in the hopes that they will derive a little benefit.

During the year beginning January, 1935, the experiment has been tried of having smaller numbers in the classes, *i.e.*, 9-11, instead of 12-16. The result has justified the experiment, for a much higher percentage of children have been discharged with normal speech, and there is no doubt that, as advocated in the London clinics, classes of 9-10 are the most satisfactory.

The principles followed in dealing with the affected children were set out in the Report for 1934.

### Special Class for Dull and Backward Children at Riverside School.

<i>No. on Register</i>	<i>No.</i>	<i>No.</i>	<i>On Register</i>
<i>Jan., 1935.</i>	<i>Admitted</i>	<i>Transferred.</i>	<i>Dec., 1935.</i>
<i>during year.</i>	<i>during year.</i>	<i>during year.</i>	
19	6	7	18

Of the transfers, 2 were returned to Elementary Schools, having made good progress, 1 was transferred to Tranmere Infirmary, and later to a Home near Bristol, 1 left the district, 2 were withdrawn over age, and 1 was withdrawn and certified as mentally defective.

### Elleray Park Special School.

No. of children on the Register, January 1st, 1935 :—

Boys 23.      Girls 27.      Total 50.

Removed from Register during the year :—

Boys 7.      Girls 9.      Total 16.

Malnutrition 8.      Orthopaedic 5.      Rheumatism 2.      Cardiac 1.

Of these :—

2 attained the age of 14 years.

4 left the district.

7 returned to Elementary Schools.

2 entered Leasowe Children's Hospital.

1 too ill to attend any school.

Admitted during the year:—15.

No. of children on the Register, December 31st, 1935 :—

Boys 24.      Girls 25.      Total 49.

Classified as follows :—

			<i>Boys</i>	<i>Girls</i>
Infantile Paralysis	..	..	—	2
Spastic	„	..	3	2
Facial	„	..	—	1
Congenital Dislocation Hip	..	..	1	2
Osteo Myelitis	..	..	1	—
Asthma	..	..	3	—
Congenital Heart Disease	..	..	1	2
Valvular Heart Disease	..	..	2	2
Chorea	..	..	—	1
Malnutrition	..	..	13	13

### Provisions of Meals.

The number of meals (dinners) supplied free of cost for the period 1st January to 31st December, 1935, was 51,452.

*Average cost per meal for period of 12 months ending 31st March, 1935 :*

Food only—2.96d.

Total Expenses—4.04d.

The largest number on the feeding Registers at any one time was in January—356.

**Supply of Milk.**

During the year 1,019,265 bottles of milk containing one third of a pint each were supplied to the schools. Of this total the number of bottles supplied **FREE** to school children over the same period was 58,866. At the end of the year (December, 1935) there were 326 children receiving free milk, but the largest number for any one month taken separately, was 506 in June.

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**Children medically examined for Employment Cards, 1935.**

Delivering Newspapers, 179 ; Delivering Milk, 11. Total 190.

(Children who are employed after school hours only, are not medically examined, Entertainment Licences excepted).

Children medically examined for Entertainment Licences, Total 4.

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**REPORT of Mr. JOINSON LUYA,****Senior School Dental Surgeon.**

This is the Sixteenth Annual Report on the work of the Schools Dental Clinics. Last year's report dealt very fully with the problems and difficulties which face the School Dentists with a rather monotonous regularity. This year it is not intended to do more than make a few brief comments. It is still not possible to make a complete circuit of the Schools during the year ; two years is about the time necessary, which means that a large proportion of the value of the School Dentist's work is lost. It cannot be too strongly emphasised that regular visits to a dentist at short intervals are what are necessary to keep any but the most perfect mouths in order—and this applies to adults as well as children. " Prevention is better than cure " is a well known proverb, and it is prevention rather than cure which is offered to the public not only by the school dental service but by the public medical service as a whole. Unfortunately the prevention of any disease is a much less spectacular thing than an impressive and marvellous cure ; that is probably why the public have literally to be forced to take advantage of some of the facilities provided for their benefit and why the curse of the school dentist is the parent who persistently refuses the treatment which will save his child pain and suffering, only to dash to the dental clinic at the last moment when the inevitable has happened. An effort is being made to get round the schools more quickly by avoiding the wasted time spent in sending for children whose parents will probably not bring them to the clinic. A glance at the child's record card combined with the experience of years will usually be enough to decide whether to make an appointment or not. The total amount of work done is the usual average, but some extra time has been devoted to the Moreton Clinic ; two half days per week are not quite enough, and the extra visits on Wednesday afternoons have been most valuable. Gas and oxygen continue to be a most excellent anaesthetic, the Guy Ross apparatus is quite satisfactory, although a good deal depends on the skill of the anaesthetist. It is a pity that there is not on the market an automatic machine suitable for school Clinics at a reasonable price. It might be mentioned here that when a half day is devoted to extracting teeth under an anaesthetic the average number of appointments made is twenty. Difficulty is sometimes found in convincing parents that it is not possible to go on adding to the number of cases that can be seen on a " gas " day indefinitely. It is as well to state here that although the extraction of teeth under gas looks easy it is not quite so easy as it looks and that if the operator and/or anaesthetist gets tired or tries to hurry, very nasty accidents can occur. That is why sometimes a definite refusal

has to be given to casual cases. Public servants, whether bus drivers or dentists, cannot afford to take risks.

Last year's report contained some remarks about the six year molar. For the benefit of any person interested in the technical side of the treatment of children's teeth it may be pointed out here that further experience merely confirms what was stated.

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## WALLASEY EDUCATION COMMITTEE.

# MEDICAL INSPECTION, 1935.

## Elementary Schools.

TABLE I.

RETURN OF MEDICAL INSPECTIONS.(A) ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections	...	...	...	...	211
Entrants	...	...	...	...	1311
Intermediates	...	...	...	...	1330
Leavers	...	...	...	...	998
Total				...	3639
Number of other Routine Inspections	...	...	...	...	—

(B) OTHER INSPECTIONS.

Number of Special Inspections—Boys	...	...	182
"    "    "    "    Girls	...	...	170
			—
Number of Re-inspections	...	...	...
Total			..
			1046

\* Does not include employment cases.

**(C) NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE  
MEDICAL INSPECTION TO REQUIRE TREATMENT.**

(Excluding Uncleanliness and Dental Diseases).

Group. (1)	Number of Children.		Percentage of Children found to require treatment. (4)
	Inspected. (2)	Found to require treatment. (3)	
<b>Code Groups—</b>			
Entrants ... ..	1311	138	10.53
Intermediates ... ..	1330	103	7.74
Leavers ... ..	998	102	10.22
Total (Code Groups) ...	3639	343	9.43
Other Routine Inspections ...	—	—	—



TABLE II.

(A) RETURN OF DEFECTS FOUND IN THE COURSE OF MEDICAL  
INSPECTION, Year Ended December 31st, 1935.

Defect or Disease.	Routine Inspections.		Specials.	
	Number referred for Treatment.	Number requiring to be kept under observation	Number referred for Treatment	Number requiring to be kept under observation
<b>Malnutrition—</b>				
See Table II. B. ... ..	—	—	—	—
<b>Uncleanliness—</b>				
See Table IV., Group V.				
<b>Skin—</b>				
Ringworm—Scalp ... ..	—	—	—	—
Body ... ..	1	—	—	—
Scabies ... ..	—	—	2	—
Impetigo ... ..	1	—	2	—
Other Diseases (Non-Tubercular) ... ..	42	17	14	1
<b>Eye—</b>				
Blepharitis ... ..	16	9	2	1
Conjunctivitis ... ..	1	—	9	—
Keratitis ... ..	—	1	—	—
Corneal Ulcer ... ..	—	—	—	—
Corneal Opacities ... ..	—	1	—	—
Defective Vision ... ..	116	191	22	12
Squint ... ..	24	43	7	2
Other conditions ... ..	6	5	3	7
<b>Ear—</b>				
Defective Hearing ... ..	2	17	6	7
Otitis Media ... ..	—	—	8	—
Other Ear Diseases ... ..	14	46	3	1
<b>Nose and Throat—</b>				
Enlarged Tonsils ... ..	40	197	39	17
Adenoids ... ..	—	6	11	7
Enlarged Tonsils and Adenoids... ..	4	1	8	—
Other conditions ... ..	1	37	12	7
<b>Enlarged Cervical Glands</b>				
(Non-Tubercular) ... ..	1	1	5	5

TABLE II.—Continued.

Defect or Disease.	Routine Inspections.		Specials.	
	Number referred for Treatment.	Number requiring to be kept under observation	Number referred for Treatment	Number requiring to be kept under observation
<b>Defective Speech</b> ... ..	1	14	—	3
<b>Teeth—</b>				
(Dental Diseases) ... ..	—	—	—	—
<b>Heart and Circulation—</b>				
Heart Disease—				
Organic ... ..	2	25	2	—
Functional ... ..	—	2	1	5
Anaemia ... ..	—	244	2	—
Other Defects ...	—	3	—	—
<b>Lungs—</b>				
Bronchitis ... ..	2	26	—	—
Other Non - Tubercular Diseases ... ..	1	2	—	—
<b>Tuberculosis—</b>				
Pulmonary—				
Definite ... ..	—	—	—	—
Suspected ... ..	—	1	—	—
Non-Pulmonary—				
Glands ... ..	—	—	—	—
Spine ... ..	1	—	—	—
Hip ... ..	—	—	—	—
Other Bones & Joints	1	—	—	—
Skin ... ..	—	—	—	—
Other Forms ... ..	—	1	—	—
<b>Nervous System—</b>				
Epilepsy ... ..	—	—	—	—
Chorea ... ..	3	—	2	2
Other conditions ... ..	—	11	—	—
<b>Deformities—</b>				
Rickets ... ..	1	4	—	—
Spinal Curvature ... ..	1	6	—	—
Other Forms ... ..	12	23	1	—
<b>Other Defects &amp; Diseases</b> ...	50	54	*100	22

Number of Individual Children found at Routine Medical Inspection to require treatment (excluding Uncleanliness and Dental Diseases)—343.

\*Included in this number are 8 Malnutrition "Specials."

TABLE II.

(B) Classification of the Nutrition of Children Inspected during the Year  
in the Routine Age-Groups.

## ROUTINE AGE-GROUP INSPECTIONS.

Age Groups.	Number of Children Ins- pected.	A. (Excellent)		B. (Normal)		C. (Slightly Sub- normal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Admissions .. ..	1311	121	9.2	1137	86.7	52	4	1	.1
Intermediates ..	1330	91	6.8	1133	85.2	102	7.7	4	.3
Leavers .. ..	998	95	9.5	797	79.9	100	10	6	.6
Other Routine Inspections .. ..	—	—	—	—	—	—	—	—	—
Total .. ..	3639	307	8.4	3067	84.3	254	7	11	.3

(C) TABLE SHOWING NUMBER OF INSPECTIONS (ROUTINE  
and SPECIAL) AND THE NUMBER AND PERCENTAGE  
REFERRED FOR TREATMENT IN THE PAST FIVE YEARS.

	1931	1932	1933	1934	1935
Number of Inspections	3,897	4,203	4,152	4,043	3,991
DISEASED CONDITIONS—	No. %	No. %	No. %	No. %	No. %
External Eye Diseases	17 (0.4)	20 (0.47)	17 (0.4)	43 (1.1)	28 (0.7)
Defective Vision and Squint .....	407 (10.4)	428 (10.1)	368 (8.8)	187 (4.6)	169 (4.2)
Ear Disease or Defect..	32 (0.8)	32 (0.7)	21 (0.5)	28 (0.7)	33 (0.8)
Throat & Nose Defects	82 (2.1)	79 (1.8)	96 (2.3)	98 (2.4)	115 (2.9)
Diseases of Heart and Circulation .....	12 (0.3)	14 (0.3)	2 (0.04)	11 (0.27)	7 (0.18)
Lung Disease Non- Tubercular ...	1 (0.02)	2 (0.04)	1 (0.02)	2 (0.05)	3 (0.07)
Tuberculosis (all forms)	9 (0.2)	1 (0.02)	4 (0.09)	3 (0.07)	2 (0.05)
Malnutrition.....	1 (0.02)	13 (0.3)	12 (0.2)	16 (0.4)	19 (0.47)
Skin Diseases .....	87 (2.2)	94 (2.2)	46 (1.1)	86 (2.1)	62 (1.55)



TABLE III.

## RETURN OF ALL EXCEPTIONAL CHILDREN IN THE AREA, 1935.

## Suffering from Multiple Defects.

Children suffering from the following types of Multiple Defect, <i>i.e.</i> , any combination of Total Blindness, Total Deafness, Mental Defect, Epilepsy, Active Tuberculosis, Crippling or Heart Disease .. ..	...	1
--	-----	---

## Blind (including Partially Blind).

## (1) Suitable for training in a School for the Totally Blind—

At Certified Schools for the Blind .. ..	7
At Public Elementary Schools .. ..	—
At Other Institutions .. ..	—
At no School or Institution .. ..	—

## (2) Suitable for training in a School for the Partially Blind—

At Certified Schools for the Blind or Partially Blind .. ..	—
At Public Elementary Schools .. ..	1
At other Institutions .. ..	—
At no School or Institution .. ..	—

## Deaf (including Partially Deaf).

## (1) Suitable for training in a School for the Totally Deaf—

At Certified Schools for the Totally Deaf .. ..	5
At Public Elementary Schools .. ..	—
At other Institutions .. ..	—
At no School or Institution .. ..	—

## (2) Suitable for training in a School for the Partially Deaf—

At Certified Schools for the Deaf or Partially Deaf .. ..	—
At Public Elementary Schools .. ..	—
At other Institutions .. ..	—
At no School or Institution .. ..	—

**Mentally Defective.****Feeble-minded—**

At Certified Schools for Mentally Defective Children	...	...	...	...	3
At Public Elementary Schools	...	...	...	...	4
At other Institutions	...	...	...	...	—
At no School or Institution	...	...	...	...	4

**Epileptics.****Suffering from severe Epilepsy—**

At Certified Special Schools	...	...	...	...	1
At Public Elementary Schools	...	...	...	...	—
At other Institutions	...	...	...	...	—
At no School or Institution	...	...	...	...	—

**Physically Defective.****A—Tuberculous Children.****i. Suffering from Pulmonary Tuberculosis (including Pleura and Intrathoracic Glands)—**

At Certified Special Schools	...	...	...	...	—
At Public Elementary Schools	...	...	...	...	1
At Other Institutions	...	...	...	...	1
At no School or Institution	...	...	...	...	—

**ii. Suffering from Non-Pulmonary Tuberculosis (This category includes Tuberculosis of all sites other than those shown in (i) above).**

At Certified Special Schools	...	...	...	...	1
At Public Elementary Schools	...	...	...	...	17
At Other Institutions	...	...	...	...	5
At no School or Institution	...	...	...	...	—

**B.—Delicate.**

Delicate Children, *i.e.*, all children (except those included in other groups) whose general health renders it desirable that they should be specially selected for admission to an Open Air School.—

At Certified Special Schools	..	..	..	..	24
At Public Elementary Schools	..	..	..	..	44
At other Institutions	..	..	..	..	2
At no School or Institution	..	..	..	..	1

## C.—Crippled.

Crippled Children (other than those diagnosed as tuberculous and in need of treatment for that disease) who are suffering from a degree of crippling sufficiently severe to interfere materially with a child's normal mode of life—

At Certified Special Schools	..	..	...	...	15
At Public Elementary Schools	..	..	...	...	12
At other Institutions	..	..	...	...	6
At no School or Institution	..	..	...	...	6

## D.—Heart Disease.

Children with heart disease, *i.e.*, children whose defect is so severe as to necessitate the provision of educational facilities other than those of the public elementary school.—

At Certified Special Schools	..	..	...	...	8
At Public Elementary Schools	..	..	...	...	—
At other Institutions	..	..	...	...	—
At no School or Institution	..	..	...	...	—

**TABLE SHOWING NUMBER OF CHILDREN FOUND VACCINATED  
AT ROUTINE MEDICAL INSPECTION, YEAR ENDED  
31st DECEMBER, 1935.**

No. Examined	Vaccination Marks.					Total Vaccinated	Not Vaccinated
	1	2	3	4	5		
Boys ....1922	724	260	91	269	2	1346	576
Girls ....1717	674	215	65	238	—	1192	525
Total ...3639	1398	475	156	507	2	2538	1101

The number of Parents present at the Routine Medical Inspections for 1935 was 2,812.



TABLE IV.—TREATMENT OF DEFECTS OF CHILDREN  
DURING 1935.

**Group I.—TREATMENT OF MINOR AILMENTS.**

(Excluding Uncleanliness, for which see Group VI.)

Disease or Defect.	Number of Defects Treated.		
	Under Local Education Authority's Scheme	Otherwise	Total
<b>Skin—</b>			
Ringworm—Scalp ... ..	5 (*)	—	5
Body ... ..	11	—	11
Scabies ... ..	13	—	13
Impetigo ... ..	102	—	102
Other Skin Diseases ... ..	604	5	609
<b>Eye Disease</b> (External and other)	180	7	187
<b>Ear Disease</b> (Otorrhoea) ... ..	113	—	113
<b>Miscellaneous</b> ... ..	523	80	603
Total ...	1551	92	1643

\* No X Ray cases as shewn in brackets.

**GROUP II.—DEFECTIVE VISION AND SQUINT.**

(Excluding Minor Eye Defects treated as Minor Ailments—Group I).

Errors of Refraction (including squint)—

No. of Defects dealt with—							
Under the Authority's Scheme	...	...	...	...	...	...	384
By Private Practitioner or at Hospital, apart from the Authority's Scheme	...	...	...	...	...	...	1
Otherwise	...	...	...	...	...	...	—
							<hr/> 385

Other Defect or Disease of the Eyes (excluding those recorded in Group I)—

Under the Authority's Scheme	...	...	...	...	...	...	3
By Private Practitioner or at Hospital, apart from the Authority's Scheme	...	...	...	...	...	...	—
Otherwise	...	...	...	...	...	...	—
							<hr/> 3
							<hr/> 388

No. of children for whom spectacles were—

Prescribed—							
Under the Authority's Scheme	...	...	...	...	...	...	349
Otherwise	...	...	...	...	...	...	1
Obtained—							
Under the Authority's Scheme	...	...	...	...	...	...	349
Otherwise	...	...	...	...	...	...	1

**Group III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.**

Received Operative Treatment—

	(i)	(ii)	(iii)	(iv)
Under the Authority's Scheme, in Clinic or Hospital	...	...	...	...
By Private Practitioner or Hospital, apart from the Authority's Scheme	...	...	...	...
Total	...	...	...	...
Received other forms of Treatment	...	...	...	...
Total number treated	...	...	...	...

(i) Tonsils only.    (ii) Adenoids only.    (iii) Tonsils and adenoids.  
 (iv) Other defects of the nose and throat.

TABLE IV.—Continued.

## Group IV.—TREATMENT OF DENTAL DEFECTS.

NUMBER OF CHILDREN DEALT WITH DURING 1935.

Inspected by Dentist—

Routine Age Groups.	{	Age 5 years	...	...	...	—	}	Total 4323
		„ 6 „	...	...	...	641		
		„ 7 „	...	...	...	613		
		„ 8 „	...	...	...	591		
		„ 9 „	...	...	...	474		
		„ 10 „	...	...	...	486		
		„ 11 „	...	...	...	447		
		„ 12 „	...	...	...	369		
		„ 13 „	...	...	...	401		
		„ 14 „	...	...	...	284		
		„ 15 „	...	...	...	14		
		„ 16 „ and over	...	...	...	3		
*Specials ...	...	...	...	...	...	...	795	
Grand Total							...	5118
<hr/>								
Referred for Treatment	...	...	...	...	...	2201		
*Specials	...	...	...	...	...	795		
							<hr/>	2996
Actually Treated	...	...	...	...	...	1998		
*Specials	...	...	...	...	...	795		
							<hr/>	2793
Retreated (result of periodical examination)	...	...	...	...	...	1475		

\* Includes 162 cases from the Secondary Schools.



TABLE IV.—Continued.

**PARTICULARS OF TIME GIVEN AND OF OPERATIONS  
UNDERTAKEN.**

SCHOOL DENTIST'S REPORT FOR THE YEAR 1935.

Number of half-days devoted to Inspection	...	27	
Number of half-days devoted to Treatment...	...	961	
Total	...	988	
Total number of attendances made by children for treatment		6400	
Number of Permanent Teeth—			
Extracted	...	1449	† (132)
Filled	...	2617	(253)
Number of Temporary Teeth—			
Extracted	...	3787	(14)
Filled	...	52	(—)
Total number of Fillings	...	2669	(253)
Total number of Extractions	...	5236	(146)
*Number of administrations of general anaesthetics	...	2221	(107)
Number of Other Operations—			
Permanent	...	91	(24)
Temporary	...	540	(103)

\*Nitrous Oxide.

† Figures in brackets denote Secondary School Statistics included  
in first total.

TABLE IV.—Continued.

## Group IV.—ORTHOPAEDIC AND POSTURAL DEFECTS.

	Under the Authority's Scheme. (1)			Otherwise. (2)			Total number treated.
	Residen- tial treat- ment with educa- tion  (i)	Residen- tial treat- ment without educa- tion  (ii)	Non- residen- tial treat- ment at an ortho- paedic Clinic (iii)	Residen- tial treat- ment with educa- tion  (i)	Residen- tial treat- ment without educa- tion  (ii)	Non- residen- tial treat- ment at an ortho- paedic Clinic (iii)	
Number of children treated ...	11	—	305	—	—	—	305

## Group V.—UNCLEANLINESS AND VERMINOUS CONDITIONS.

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(1) Average number of Visits per School made during the year by the School Nurses ... ..	6.7
(2) Total number of Examinations of Children in the Schools by School Nurses ... ..	24,568
(3) Number of individual children found unclean ...	621
(4) Number of children cleansed under arrangements made by the Education Authority ... ..	—
(5) Number of cases in which legal proceedings were taken—	
(a) Under the Education Act, 1921 ... ..	—
(b) Under School Attendance Byelaws ... ..	—

MEDICAL INSPECTION, 1935.  
Secondary Schools.

TABLE I.  
RETURN OF MEDICAL INSPECTIONS.

(A) ROUTINE MEDICAL INSPECTIONS.

Number of Age Group Inspections ... .. 85

Age Groups.				Boys.	Girls.	Total.
Entrants	Under 12	...	...	155	142	297
Intermediates	{ 12	...	...	151	139	} 963
	{ 13	...	...	189	162	
	{ 14	...	...	200	122	
Leavers	{ — 15	...	...	149	69	} 329
	{ Over 15	...	...	85	26	
Totals ... ..				929	660	1589

Number of other Routine Inspections ... .. —

(B) OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	...	8
Number of Re-Inspections	...	...	...	...	—
					—
Total			...	...	8



(A) SECONDARY SCHOOLS.—TABLE II.  
 RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN  
 THE YEAR ENDED 31st DECEMBER, 1935.

Defect or Disease.	Routine Inspections.		Special Inspections.	
	Number referred for Treatment.	Number requiring to be kept under observation	Number referred for Treatment	Number requiring to be kept under observation
Malnutrition ... ..	—	—	—	—
Skin—				
Ring worm—Head ... ..	—	—	—	—
Body ... ..	—	—	—	—
Scabies ... ..	—	—	—	—
Impetigo ... ..	—	—	—	—
Other Diseases (Non-Tubercular) ... ..	5	52	—	—
Teeth—				
Decayed (4 or less) ... ..	93	—	—	—
„ (over 4) ... ..	4	—	—	—
Sepsis ... ..	—	—	—	—
Other Defects ... ..	95	58	—	—
Nose and Throat—				
Enlarged Tonsils only	1	41	1	—
Adenoids only ... ..	—	—	—	—
Enlarged Tonsils and Adenoids... ..	—	—	—	—
Other Conditions ... ..	1	5	—	—
Enlarged Cervical Glands—				
Non-Tubercular ... ..	—	—	—	—
Eye—				
Blepharitis ... ..	1	6	—	—
Conjunctivitis ... ..	—	3	—	—
Keratitis ... ..	—	—	—	—
Corneal Ulcer ... ..	—	—	—	—
Corneal Opacities ... ..	—	—	—	—
Ptosis ... ..	—	—	—	—
Defective Vision (excluding Squint) ... ..	101	256	1	—
Squint ... ..	—	7	—	—
Colour Sense ... ..	—	—	—	—
Other Conditions ... ..	—	—	—	—
Ear—				
Defective Hearing ... ..	1	2	—	—
Otitis Media ... ..	—	—	—	—
Other Diseases ... ..	1	10	—	—
Defective Speech—	—	6	—	—
Throat (Shape & Development) ... ..	—	4	—	—
Carried forward ...	303	450	2	—

TABLE II.—Continued

Defect or Disease.	Routine Inspections.		Special Inspections	
	Number referred for Treatment	Number requiring to be kept under observation	Number referred for Treatment	Number requiring to be kept under observation
Brought forward ...	303	450	2	—
<b>Heart and Circulation—</b>				
Heart Disease—				
Organic ... ..	—	6	—	—
Functional ... ..	—	7	—	—
Anaemia ... ..	1	69	—	—
Other Defects ... ..	—	—	—	—
<b>Lungs—</b>				
Bronchitis ... ..	—	15	—	—
Other Non - Tubercular Diseases ... ..	—	3	—	—
<b>Tuberculosis—</b>				
Pulmonary—Definite ...	—	—	—	—
„ Suspected ...	—	—	—	—
Non Pulmonary—				
Glands ... ..	—	—	—	—
Spine ... ..	—	—	—	—
Hip ... ..	1	—	—	—
Other Bones & Joints	—	—	—	—
Skin ... ..	—	—	—	—
Other Forms ...	—	—	—	—
<b>Nervous System—</b>				
Headache ... ..	1	11	—	—
Signs of Overstrain ... ..	—	—	—	—
Epilepsy ... ..	—	—	—	—
Chorea... ..	1	—	—	—
Other Diseases ... ..	—	4	—	—
<b>Digestion or Constipation—</b>				
Digestion ... ..	—	—	—	—
Constipation ... ..	—	14	—	—
Other Conditions ... ..	—	—	—	—
<b>Deformities and Defects—</b>				
Rickets ... ..	—	—	—	—
Spinal Curvature ... ..	—	6	—	—
Flat Foot ... ..	3	47	1	—
Other Deformities or Defects... ..	5	108	5	—
<b>Catamenia</b> ... ..	—	—	—	—
Total ... ..	315	740	8	—

TABLE II.—Continued.

**(B) NUMBER OF INDIVIDUAL CHILDREN FOUND AT ROUTINE  
MEDICAL INSPECTION TO REQUIRE TREATMENT.**

(Excluding Uncleanliness and Dental Diseases).

Group. (1)	Number of Children.		Percentage of Children found to require treatment. (4)
	Inspected. (2)	Found to require treatment. (3)	
Entrants ... ..	297	19	6.4
Intermediates ... ..	963	67	6.9
Leavers ... ..	329	29	8.8
Total ... ..	1589	115	7.2
Other Routine Inspections ...	—	—	—

Table III.

**RETURN OF ALL EXCEPTIONAL CHILDREN.**

Table III. in Elementary School Statistics covers the area.



## SECONDARY SCHOOLS.—TABLE IV.

RETURN OF DEFECTS TREATED DURING THE YEAR ENDED  
31st DECEMBER, 1935.

## Group I.—Treatment of Minor Ailments (excluding Uncleanliness).

Defect or Disease.	Number of Pupils Treated.		
	Under L.E.A.'s Scheme.	Otherwise.	Total.
<b>Skin—</b>			
Ringworm—Head .. .. .	—	—	—
Body .. .. .	—	—	—
Scabies .. .. .	—	—	—
Impetigo .. .. .	—	—	—
Minor Injuries .. .. .	—	—	—
Other Skin Diseases .. .. .	—	—	—
<b>Ear—</b>			
Otitis Media, etc. .. .. .	—	—	—
<b>Eye—</b>			
External and other .. .. .	—	—	—
<b>Miscellaneous</b> .. .. .	2	2	4

## Group II.—Treatment of Visual Defects.

## Submitted to Refraction—

Under Local Education Authority's Scheme ..	74
By Private Practitioner or Hospital .. .. .	32
Otherwise .. .. .	—

106

For whom Glasses (a) Under L.E.A.'s Scheme ..	65
were prescribed (b) Otherwise .. .. .	32

97

For whom Glasses (a) Under L.E.A.'s Scheme ..	65
were provided (b) Otherwise .. .. .	32

97

## Group III.—Treatment of Defects of Nose and Throat.

## Received Operative Treatment—

Under Local Education Authority's Scheme ..	*2
By Private Practitioner or Hospital .. .. .	—

Received other forms of Treatment .. .. .	—
---	---

\* For Tonsils only.

## SECONDARY SCHOOLS.—TABLE IV.

**Group IV.—Treatment of Dental Defects.**

Defect or Disease.	Number of Pupils Treated.		
	Under L.E.A.'s Scheme	Otherwise	Total
Dental—Specials . . . . .	*162	58	220

\*Included in the Elementary School Statistics.

**Group V.—Uncleanliness and Verminous Conditions.**

Only Elementary Schools come under this arrangement.

**TABLE SHOWING NUMBER OF CHILDREN FOUND VACCINATED  
AT ROUTINE MEDICAL INSPECTION, YEAR ENDED  
31st DECEMBER, 1935.**

No Examined	Vaccination Marks.					Total Vaccinated	Not Vaccinated
	1	2	3	4	5		
Boys . . . . . 929	235	264	115	86	1	701	228
Girls . . . . . 660	176	214	83	56	1	530	130
Total . . 1589	411	478	198	142	2	1231	358

The total number of Parents present at the Routine Medical Inspection for 1935 was 933.

